

---

# **Software Test Result**

**for**

# **KAFA Management System**

**Version 1.0 approved**

**Prepared by**

**SHO MING KANG [CB21065]**

**CHONG XUE LIANG[CB21133]**

**YEE ZHI YEW [CB21026]**

**NURATIKA ELYA BINTI ZAMRI [CB21047]**

**BigO**

**30/5/2024**

# Table of Contents

<b>Table of Contents</b> .....	<b>2</b>
<b>CHAPTER 1</b> .....	<b>3</b>
1.1 System Identification.....	3
1.2 System Overview.....	4
1.2.1 Manage User Profile [Chong Xue Liang (CB21133)].....	4
1.2.2 Manage KAFA Activities [Sho Ming Kang (CB21065)].....	4
1.2.3 Manage Student Result [Yee Zhi Yew (CB21026)].....	4
1.2.4 Manage KAFA Bulletin [Nuratika Elya Binti Zamri (CB21047)].....	5
1.3 References.....	6
<b>CHAPTER 2</b> .....	<b>7</b>
2.1 Formal Qualifications Test of System.....	7
2.2 Summary of Charting.....	10
2.3 Formal Qualifications Test of STD Requirement Summary.....	11
<b>CHAPTER 3: Test Results</b> .....	<b>19</b>
3.1 Manage User Profile [Chong Xue Liang (CB21133)].....	19
3.2 Manage KAFA Activities [Sho Ming Kang (CB21065)].....	25
3.3 Manage Student Result [Yee Zhi Yew (CB21026)].....	40
3.4 Manage KAFA Bulletin [Nuratika Elya Binti Zamri (CB21047)].....	45
<b>CHAPTER 4: Acronyms and Abbreviations</b> .....	<b>54</b>

## Revision History

Document Name	Date	Status	Version
Software TR	16/06/2024	Complete	1.0

# CHAPTER 1

## 1.1 System Identification

<b>System Title</b>	Kafa Management System	
<b>System Abbreviation</b>	KMS	
<b>System Identification Number</b>	KMS-2024	
	KMS	Kafa Management System
	2024	Year of document created
<b>Document Identification System</b>	STR-KMS-2024-1.0	
	Meaning for terms use:	
	STR	Software Test Result
	KMS	Kafa Management System
	2024	Year of document created
	1.0	The version of this document
<b>Test Case Number</b>	TC-01-XX	
	TC	Test Case
	01	Identification Number of the module
	XX	The number of the test case within the module

## **1.2 System Overview**

This document is proposed for the development team, project managers, testers, and clients of the KMS. This SDD includes the introduction of KMS, the general architecture, and the detailed design of each module by means of diagrams. KMS is a system that allows MUIP to easily manage KAFA activities in Pahang State. Four modules are included in KMS to fulfil the requirement of stakeholders in handling KAFA tasks, namely the Manage User Profile, Manage KAFA Activities, Manage Student Result and Manage KAFA Bulletin modules.

### **1.2.1 Manage User Profile [Chong Xue Liang (CB21133)]**

This feature allows Parents to apply for registration for their children to become a KAFA student. KAFA administrators can review the application that had been applied by Parents. KAFA administrators can accept or reject the application. Both Parents and KAFA administrators can delete the application. Besides, KAFA administrators can also be able to manage staff profiles by adding, viewing, editing and deleting staff.

### **1.2.2 Manage KAFA Activities [Sho Ming Kang (CB21065)]**

This feature allows KAFA administrators and teachers to manage KAFA activities. This feature allows parents to facilitate their children's participation in activities by clicking a "join" button on the KAFA Management System (KMS) platform. Parents can click an "unjoin" button after they add the activity for their children if they do not want their children to join the activity. For activities with full capacity, parents cannot click the join button to add activities for their children. KAFA administrators and teachers can add, edit, and delete KAFA activities through KMS, while parents can view upcoming activities and register their children to join those activities with a simple click on the join button. KAFA Administrators and Teachers can view the list of participants of the KAFA activity.

### **1.2.3 Manage Student Result [Yee Zhi Yew (CB21026)]**

This feature enables parents and teachers to manage student results. This feature includes the basic functionality of viewing the student results for both parents and teachers. However, for parents, they can only view students that are registered by them during student registration. For teachers, they may perform operations such as view, add, edit, and delete on the student results list page. The add student results require the teachers to fill in the IC number of

candidates, exam centre, year, and grades for each subject. A successful adding process is made only when the system verifies the candidate's IC number was registered before.

#### **1.2.4 Manage KAFA Bulletin [Nuratika Elya Binti Zamri (CB21047)]**

This feature allows KAFA Admin, Parents, Teachers and MUIP Admin to manage bulletin of the KAFA. It allows all the users to view official announcements regarding the KAFA. However, parents and teachers can only view and search the bulletin published by administrators, while KAFA Admin and MUIP Admin have the access to create, view, edit, delete and search the bulletin.

### 1.3 References

Sho, M. K., Yee, Z.Y., Chong, X. L., & Nuratika Elya, b. Z. (2024). Software Requirement Specification for KAFA Management System Version 1.0.

Sho, M. K., Yee, Z.Y., Chong, X. L., & Nuratika Elya, b. Z. (2024). Software Design Document for KAFA Management System Version 1.0.

ZULFAHMI, M. (2024). System Project Case Study. Pekan, Pahang: Universiti Malaysia Pahang. Available at: <https://kalam.ump.edu.my/course/view.php?id=1389>

Testlio (2024) How to write functional test cases, Testlio. Available at: <https://testlio.com/blog/functional-test-cases/>

Shah, D. (2023, October 30). *Understanding Actual and Expected Results in Software Testing: A Crucial Component of Test Cases*. Medium. <https://shahdarshit88.medium.com/understanding-actual-and-expected-results-in-software-testing-a-crucial-component-of-test-cases-7889378baec8>

Bose, S. (2024, September 5). *How to write Test Cases (with Format & Example)*. BrowserStack. <https://www.browserstack.com/guide/how-to-write-test-cases#:~:text=A%20test%20case%20refers%20to>

Hamilton, T. (2024, April 1). *Test Documentation in Software Testing*. Wwww.guru99.com. <https://www.guru99.com/testing-documentation.html>

Bhogale, M., Palani, N. and Kabra, S. (2023) What are the best practices for writing concise test documentation?, How to Write Clear and Concise Test Documentation. Available at: <https://www.linkedin.com/advice/1/what-best-practices-writing-concise-test-documentation>

## CHAPTER 2

### 2.1 Formal Qualifications Test of System

Test Case ID	Test Description
TC-01-01	Verify that the system successfully displays to parents the list of children who have applied to be KAFA students.
TC-01-02	Verify the system successfully creates new student applications.
TC-01-03	Verify the system successfully displays to parents the student application details.
TC-01-04	Verify the system successfully deletes the student application details.
TC-01-05	Verify the system successfully displays to Kafa Administrator the student application list.
TC-01-06	Verify the system successfully updates student applications.
TC-01-07	Verify the system successfully deletes the student application details.
TC-01-08	Verify the system successfully displays the staff lists.
TC-01-09	Verify the system successfully creates new staff.
TC-01-10	Verify the system successfully displays the staff details.
TC-01-11	Verify the system successfully updates staff details.
TC-01-12	Verify the system successfully deletes the staff details.
TC-02-01	Verify that KAFA Admins and Teachers can create new activities.
TC-02-02	Verify that KAFA Admins, Teachers, and Parents can view all the KAFA activities.
TC-02-03	Verify that KAFA Admins and Teachers can edit upcoming KAFA activities.

TC-02-04	Verify that KAFA Admins, Teachers, and Parents can view the details of the specific KAFA activity.
TC-02-05	Verify that KAFA Admins and Teachers can delete the existing activity.
TC-02-06	Verify that parents can add participation for their students to the existing upcoming KAFA activity.
TC-02-07	Verify that parents can view all the joined KAFA activities by their registered students.
TC-02-08	Verify that parents can view the details of the specific KAFA activity joined by their registered students.
TC-02-09	Verify that Parents can cancel the participation of their registered students in KAFA activities they have previously joined.
TC-02-10	Verify that parents cannot add the same student to an activity multiple times.
TC-02-11	Verify that KAFA Administrators and Teachers can view the participants list of the KAFA activity.
TC-02-12	Verify that parents cannot add participation for their registered students if the activity capacity is full.
TC-02-13	Verify that parents cannot add participation for their registered students in past activities.
TC-02-14	Verify that parents cannot add more participants than the available slots.
TC-02-15	Verify that parents cannot delete participation in past activities joined by their registered students.
TC-02-16	Verify that KAFA Admins and Teachers cannot edit the details of past activities.
TC-03-01	Verify that a result can be added successfully by KAFA Admin/Teacher for an existing student.



TC-03-02	Verify that the system prompts the user when adding a result for a non-existent student.
TC-03-03	Verify that the system prompts the user to fill all required fields.
TC-03-04	Verify that KAFA Admin/Teacher can view the view result form of a student.
TC-03-05	Verify that a parent can view the result slip of a student that registered under the parent.
TC-03-06	Verify that a result can be edited successfully for an existing student by KAFA Admin/Teacher.
TC-03-07	Verify that a result can be deleted successfully by KAFA Admin/Teacher.
TC-03-08	Verify that a result deletion action can be cancelled by KAFA Admin/Teacher.
TC-03-09	Verify that the Parent can perform view operation on student results only.
TC-03-10	Verify that the user is able to return to the home page regardless of any student results related page.
TC-03-11	Verify that the IC number input field accepts only 12 digits.
TC-03-12	Verify that a result cannot be added by KAFA Admin/Teacher if the IC number is the same as the existence record.
TC-04-01	Verify that KAFA Admin and MUIP Admin can successfully create a new KAFA Bulletin.
TC-04-02	Verify that KAFA Admin and MUIP Admin can successfully view the selected KAFA Bulletin.
TC-04-03	Verify that KAFA Admin and MUIP Admin can successfully edit the selected KAFA Bulletin

TC-04-04	Verify that KAFA Admin and MUIP Admin can successfully delete the selected KAFA Bulletin.
TC-04-05	Verify that KAFA Admin and MUIP Admin can successfully view search results of the specific list of KAFA Bulletin.
TC-04-06	Verify that Teachers and Parents can successfully view the published KAFA Bulletin.
TC-04-07	Verify that KAFA Admin, MUIP Admin, Teachers and Parents can successfully view the search result of the published KAFA Bulletin.
TC-04-08	Verify that KAFA Admin and MUIP Admin can successfully view the KAFA Bulletin lists.

## 2.2 Summary of Charting

Test Cycle No.	Total Number of Test Cases	Test Cases Executed	Test Cases Passed	Test Cases Failed
1	12	12	12	0
2	16	16	16	0
3	12	12	12	0
4	8	8	8	0

### 2.3 Formal Qualifications Test of STD Requirement Summary

Module	Requirement	Test Case ID
Manage User Profile	<b>REQ-100-B1-KMS-2024</b> Parents should be able to apply for student applications for their children.	TC-01-02
	<b>REQ-100-B2-KMS-2024</b> Parents should be able to view their application lists and each of the application details.	TC-01-01 TC-01-03
	<b>REQ-100-B3-KMS-2024</b> Parents should be able to delete the student application.	TC-01-04
	<b>REQ-100-B4-KMS-2024</b> KAFA administrators should be able to view all student applications in a list.	TC-01-05
	<b>REQ-100-B5-KMS-2024</b> KAFA administrators should be able to update the status of each student application.	TC-01-06
	<b>REQ-100-B6-KMS-2024</b> KAFA administrators should be able to delete the student application.	TC-01-07
	<b>REQ-100-B7-KMS-2024</b> KAFA administrators should be able to create a new staff profile for KAFA staff.	TC-01-09
	<b>REQ-100-B8-KMS-2024</b> KAFA administrators should be able to view the staff lists and each staff profile.	TC-01-08 TC-01-10
	<b>REQ-100-B9-KMS-2024</b>	TC-01-11

	KAFA administrators should be able to edit the staff profile.	
	<p><b>REQ-100-B10-KMS-2024</b></p> <p>KAFA administrators should be able to delete the staff profile.</p>	TC-01-12
Manage KAFA Activities	<p><b>REQ-200-B8-KMS-2024 (Add KAFA Activity)</b></p> <p>Teachers and KAFA Administrators should be able to add a new KAFA Activity.</p> <p><b>REQ-200-A2-KMS-2024 (Alert Required Field Not Filled)</b></p> <p>The system will alert the user and prompt them to enter the missing information If any required fields are not filled out by the user.</p> <p><b>REQ-200-R1-KMS-2024 (Correct Data Type)</b></p> <p>The data entered by the user needs to be compatible with the data type required.</p> <p><b>REQ-200-R2-KMS-2024 (Not Null Required Field)</b></p> <p>The required fields must be inserted by the user when adding the KAFA Activity.</p>	TC-02-01
	<p><b>REQ-200-B1-KMS-2024 (View KAFA Activities)</b></p> <p>Parents should be able to view all KAFA activities in a list.</p> <p><b>REQ-200-B5-KMS-2024 (View KAFA Activities)</b></p> <p>Teachers and KAFA Administrators should be able to view all the KAFA activities in a list.</p>	TC-02-02
	<p><b>REQ-200-B7-KMS-2024 (Edit KAFA Activity)</b></p> <p>Teachers and KAFA Administrators should be able to edit the selected upcoming KAFA Activity.</p>	TC-02-03

	<p><b>REQ-200-A2-KMS-2024 (Alert Required Field Not Filled)</b> The system will alert the user and prompt them to enter the missing information If any required fields are not filled out by the user.</p> <p><b>REQ-200-R1-KMS-2024 (Correct Data Type)</b> The data entered by the user needs to be compatible with the data type required.</p> <p><b>REQ-200-R2-KMS-2024 (Not Null Required Field)</b> The required fields must be inserted by the user when adding the KAFA Activity.</p> <p><b>REQ-200-C2-KMS-2024 (KAFA Activity detail edit constraint)</b> Teachers and KAFA administrators can edit KAFA Activity details while parents cannot edit KAFA Activity details.</p>	
	<p><b>REQ-200-B2-KMS-2024 (Add KAFA Activity for the registered students)</b> Parents should be able to view specified KAFA activities and click the &lt;&lt;Join&gt;&gt; button to go to the Add Participants page.</p> <p><b>REQ-200-B6-KMS-2024 (View KAFA Activity)</b> Teachers and KAFA Administrators should be able to view the selected KAFA Activity.</p>	TC-02-04
	<p><b>REQ-200-B9-KMS-2024 (Delete KAFA Activity)</b> Teachers and KAFA Administrators should be able to delete the selected KAFA Activity.</p>	TC-02-05
	<p><b>REQ-200-B2-KMS-2024 (Add KAFA Activity for the</b></p>	TC-02-06

	<p><b>registered students)</b></p> <p>Parents should be able to view specified KAFA activities and select their registered students for participation in the chosen KAFA activity.</p> <p><b>REQ-200-C1-KMS-2024 (Capacity Constraint)</b></p> <p>Parents can add the activity for their registered students if the activity's capacity is still having place. Parents cannot add the activity for their registered students if the activity's capacity is full.</p>	
	<p><b>REQ-200-B3-KMS-2024 (View KAFA Activities joined by the registered students)</b></p> <p>Parents should be able to view all the joined KAFA activities by their registered students.</p>	TC-02-07
	<p><b>REQ-200-B4-KMS-2024 (Delete KAFA Activity for the registered students)</b></p> <p>Parents should be able to view the details of joined activities and click the &lt;&lt;Unjoin&gt;&gt; button to go to the delete participants page.</p>	TC-02-08
	<p><b>REQ-200-B4-KMS-2024</b></p> <p><b>Delete KAFA Activity for the registered students</b></p> <p>Parents should be able to unselect their registered students from participating in KAFA activities they have previously joined.</p>	TC-02-09
	<p><b>REQ-200-C3-KMS-2024 (Add Participants Constraints)</b></p> <p>Parents cannot add the same student to an activity multiple times.</p>	TC-02-10
	<p><b>REQ-200-A4-KMS-2024 (View list of participants)</b></p> <p>KAFA Administrators/ Teachers should be able to view the list of participants in the selected KAFA Activities.</p>	TC-02-11

	<p><b>REQ-200-A1-KMS-2024 (Inform Capacity of the activity is full)</b></p> <p>The system will display a full capacity message to inform parents that the capacity of the selected KAFA Activity is full after parents add the KAFA Activity for their registered students.</p> <p><b>REQ-200-C1-KMS-2024 (Capacity Constraint)</b></p> <p>Parents can add the activity for their registered students if the activity's capacity is still having place. Parents cannot add the activity for their registered students if the activity's capacity is full.</p>	TC-02-12
	<p><b>REQ-200-C3-KMS-2024 (Add Participants Constraints)</b></p> <p>Parents cannot add their registered students as participants to the past KAFA Activity.</p>	TC-02-13
	<p><b>REQ-200-A3-KMS-2024 (Max Capacity Alert)</b></p> <p>The system will alert parents of the limited availability of the KAFA activity and suggest they reduce the number of their registered students joining the activity since the current count exceeds the activity's capacity.</p>	TC-02-14
	<p><b>REQ-200-C4-KMS-2024 (Delete Participation Constraints)</b></p> <p>Parents cannot delete the participants from the past activities joined by their parents.</p>	TC-02-15
	<p><b>REQ-200-C2-KMS-2024 (KAFA Activity detail edit constraint)</b></p> <p>Teachers and KAFA administrators cannot edit the past KAFA Activity details.</p>	TC-02-16
Manage Student	<p><b>REQ-300-B1-KMS-2024</b></p> <p>Parents should be able to view the selected student results</p>	TC-03-05

Results	registered by them.	
	<b>REQ-300-B2-KMS-2024</b> Teachers should be able to add a new student results form.	TC-03-01
	<b>REQ-300-B3-KMS-2024</b> Teachers should be able to view the selected student results.	TC-03-04
	<b>REQ-300-B4-KMS-2024</b> Teachers should be able to edit the selected student results.	TC-03-06
	<b>REQ-300-B5-KMS-2024</b> Teachers should be able to delete the selected student results.	TC-03-07
	<b>REQ-300-A1-KMS-2024</b> The system should notify the users when required fields are not entered	TC-03-03
	<b>REQ-300-A2-KMS-2024</b> The system should verify IC numbers against existing records in the database and notify users when the record is not found.	TC-03-02
	<b>REQ-300-E1-KMS-2024</b> The system should return to the home page when the user clicks the <<Back>> button.	TC-03-10
	<b>REQ-300-R1-KMS-2024</b> The system should verify the accuracy of entered IC numbers against database records.	TC-03-02
	<b>REQ-300-R2-KMS-2024</b> The system should validate the length of entered IC numbers and only accept 12 digits.	TC-03-11
<b>REQ-300-C1-KMS-2024</b>	TC-03-06	



	Teachers cannot edit the fields of IC number and name in the edit student results form.	
	<b>REQ-300-C2-KMS-2024</b> Teachers cannot add a new student result to the database if the IC number is the same as the existence record.	TC-03-12
Manage KAFA Bulletin	<p><b>REQ-400-B1- KMS-2024 (Create KAFA Bulletin)</b> KAFA Admin and MUIP Admin should be able to create a new KAFA Bulletin.</p> <p><b>REQ-400-A1-KMS-2024 (Notify Required Field Not Entered )</b> The system should inform the users when required fields are not entered.</p> <p><b>REQ-400-E1-KMS-2024 (Cancel Action)</b> The system should return to the previous page when the user clicks on the &lt;&lt;Cancel&gt;&gt; button.</p> <p><b>REQ-400-R1-KMS-2024 (Correct Data Type)</b> The system should be able to verify the data type entered by the user is compatible with the data type required.</p> <p><b>REQ-400-R2-KMS-2024 (Not Null Required Field )</b> The system should inform the users when required fields are not entered.</p>	TC-04-01
	<b>REQ-400-B2-KMS-2024 (View KAFA Bulletin)</b> KAFA Admin and MUIP Admin should be able to view the selected KAFA Bulletin.	TC-04-02
	<b>REQ-400-B3-KMS-2024 (Edit KAFA Bulletin)</b> KAFA Admin and MUIP Admin should be able to edit the	TC-04-03

	selected KAFA Bulletin.	
	<p><b>REQ-400-B4-KMS-2024 (Delete KAFA Bulletin)</b>  KAFA Admin and MUIP Admin should be able to delete the selected KAFA Bulletin.</p>	TC-04-04
	<p><b>REQ-400-B5-KMS-2024 (Search KAFA Bulletin List )</b>  KAFA Admin and MUIP Admin should be able to view search results of the specific list of KAFA Bulletin.</p> <p><b>REQ-400-E2-KMS-2024 (Reset Action )</b>  The system should terminate the current process and reset to its default state and clear any data or progress.</p>	TC-04-05
	<p><b>REQ-400-B6-KMS-2024 (View Published KAFA Bulletin)</b>  Teachers and Parents should be able to view the published KAFA Bulletin.</p>	TC-04-06
	<p><b>REQ-400-B7-KMS-2024 (Search KAFA Bulletin)</b>  Teachers and Parents should be able to view the search result of published KAFA Bulletin.</p>	TC-04-07

## CHAPTER 3: Test Results

### 3.1 Manage User Profile [Chong Xue Liang (CB21133)]

<b>Test Case ID</b>	TC-01-01
<b>Objective</b>	Verify that the system successfully displays to parents the list of children who have applied to be KAFA students.
<b>Description</b>	Parents are able to view their application list for their children.
<b>Test Data</b>	<ul style="list-style-type: none"><li>- Email: <a href="mailto:parent@example.com">parent@example.com</a></li><li>- Role: "parent"</li></ul>
<b>Expected Result</b>	System should display the list of children's lists that already apply for KAFA Student.
<b>Actual Result</b>	The system successfully displays the list of children application list in the children list page.

<b>Test Case ID</b>	TC-01-02
<b>Objective</b>	Verify the system successfully creates new student applications.
<b>Description</b>	Parents are able to apply for student applications for their children.
<b>Test Data</b>	Enter new student application: <ul style="list-style-type: none"><li>- Student name: student</li><li>- Ic: 170630081043</li><li>- Gender: male</li><li>- Date of birth: 30/06/2017</li><li>- Address: No. 123, Taman ABC, 26650 Pekan, Pahang.</li></ul>
<b>Expected Result</b>	A new student application is created and displayed in the children application list page.
<b>Actual Result</b>	The system successfully created a new student application and

	displayed it in the children application list page.
--	---

<b>Test Case ID</b>	TC-01-03
<b>Objective</b>	Verify the system successfully displays the student application details.
<b>Description</b>	Parents are able to view the application details that have already applied by themselves in a view form.
<b>Test Data</b>	1. Click the <<View>> button.
<b>Expected Result</b>	System should display the view form with the student application's details.
<b>Actual Result</b>	The system successfully displays the view form with the student application's details. .

<b>Test Case ID</b>	TC-01-04
<b>Objective</b>	Verify the system successfully deletes the student application details.
<b>Description</b>	Parents are able to delete student application details.
<b>Test Data</b>	1. Click the <<Delete>> button.
<b>Expected Result</b>	System should delete student applications from the system.
<b>Actual Result</b>	The system successfully deleted student applications from the system.

<b>Test Case ID</b>	TC-01-05
<b>Objective</b>	Verify the system successfully displays the student application list.
<b>Description</b>	Kafa Administrator is able to view all student applications that are

	already applied by parents in a list.
<b>Test Data</b>	<ol style="list-style-type: none"> <li>1. Email: <a href="mailto:admin@example.com">admin@example.com</a></li> <li>2. Role: "Kafa Admin"</li> </ol>
<b>Expected Result</b>	System should displays the student application list
<b>Actual Result</b>	The system successfully displayed the student applications that are already applied by parents in a list.

<b>Test Case ID</b>	TC-01-06
<b>Objective</b>	Verify the system successfully updates student applications.
<b>Description</b>	KAFA administrators are able to edit student application details.
<b>Test Data</b>	<p>Enter new student application details:</p> <ol style="list-style-type: none"> <li>1. Status: accepted</li> </ol> <p style="text-align: center;"><b>OR</b></p> <ol style="list-style-type: none"> <li>1. Status: rejected</li> <li>2. Reason: Incomplete document submission</li> </ol>
<b>Expected Result</b>	The selected student application details are updated with the new data.
<b>Actual Result</b>	The system successfully updated the student applications data with the new data.

<b>Test Case ID</b>	TC-01-07
<b>Objective</b>	Verify the system successfully deletes the student application details.
<b>Description</b>	KAFA administrator is able to delete student application details.
<b>Test Data</b>	<ol style="list-style-type: none"> <li>1. Click the &lt;&lt;Delete&gt;&gt; button.</li> </ol>
<b>Expected Result</b>	System should delete student applications from the system.

<b>Actual Result</b>	The system successfully deleted student applications from the system.
----------------------	---

<b>Test Case ID</b>	TC-01-08
<b>Objective</b>	Verify the system successfully displays the staff lists.
<b>Description</b>	Kafa Administrator is able to view all staff in a list.
<b>Test Data</b>	<ol style="list-style-type: none"> <li>1. Email: <a href="mailto:admin@example.com">admin@example.com</a></li> <li>2. Role: "Kafa Admin"</li> </ol>
<b>Expected Result</b>	System should display the staff lists.
<b>Actual Result</b>	The system successfully displays the staff lists

<b>Test Case ID</b>	TC-01-09
<b>Objective</b>	Verify the system successfully creates new staff.
<b>Description</b>	Kafa Administrator is able to create a new staff account.
<b>Test Data</b>	<p>Enter new staff detail:</p> <ul style="list-style-type: none"> <li>- full name: staff</li> <li>- Ic: 900630081043</li> <li>- Contact Number: 0129345697</li> <li>- Email: <a href="mailto:staff@example.com">staff@example.com</a></li> <li>- Password: 12345678</li> <li>- Gender: male</li> <li>- staff_ID: 01234</li> <li>- Program: Bidang Al-Quran</li> </ul>
<b>Expected Result</b>	A new staff account is created and displayed in the staff list page.
<b>Actual Result</b>	The system successfully created a new staff account and displayed it

	in the staff list page.
--	-------------------------

<b>Test Case ID</b>	TC-01-10
<b>Objective</b>	Verify the system successfully displays the staff details.
<b>Description</b>	Kafa Administrator is able to view the staff details in a view form.
<b>Test Data</b>	1. Click the <<View>> button.
<b>Expected Result</b>	System should display the view form with the staff details.
<b>Actual Result</b>	The system successfully displays the view form with the staff details.

<b>Test Case ID</b>	TC-01-11
<b>Objective</b>	Verify the system successfully updates staff details.
<b>Description</b>	KAFA administrators are able to edit student application details.
<b>Test Data</b>	<p>Original data:</p> <ul style="list-style-type: none"> <li>- full name: staff</li> <li>- Ic: 900630081043</li> <li>- Contact Number: 0129345697</li> <li>- Email: <a href="mailto:staff@example.com">staff@example.com</a></li> <li>- Password: 12345678</li> <li>- Gender: male</li> <li>- staff_ID: 01234</li> <li>- Program: Bidang Al-Quran</li> </ul> <p>Modified data:</p> <ul style="list-style-type: none"> <li>- full name: staff</li> <li>- Ic: 900630081043</li> <li>- Contact Number: 0129347423</li> <li>- Email: <a href="mailto:staff@example.com">staff@example.com</a></li> </ul>

	<ul style="list-style-type: none"> <li>- Password: 12345678</li> <li>- Gender: male</li> <li>- staff_ID: 01234</li> <li>- Program: Adab</li> </ul>
<b>Expected Result</b>	System should validate the modified input data, update the existing data record and navigate users to the staff list page.
<b>Actual Result</b>	The system successfully validated the modified input data, updated the existing data record and navigated users to the staff list page.

<b>Test Case ID</b>	TC-01-12
<b>Objective</b>	Verify the system successfully deletes the staff details.
<b>Description</b>	Kafa Administrator is able to delete staff details.
<b>Test Data</b>	1. Click the <<Delete>> button.
<b>Expected Result</b>	System should delete the staff account from the system.
<b>Actual Result</b>	The system successfully deleted staff details from the system.



### 3.2 Manage KAFA Activities [Sho Ming Kang (CB21065)]

<b>Test Case ID</b>	TC-02-01	
<b>Objective</b>	Verify that KAFA Admins and Teachers can create new activities.	
<b>Description</b>	KAFA Administrator and Teachers can create new activities.	
<b>Test Data 1</b>	activityName	Writing Competition
	activityDetails	This is a writing competition for KAFA students.
	activityLocation	School Hall
	startTime	12:00:00
	endTime	14:00:00
	activityDate	2024-06-14
	activityCapacity	10
<b>Test Data 2</b>	activityName	Singing Competition
	activityDetails	This is a singing competition for KAFA students.
	activityLocation	School Hall
	startTime	10:00:00
	endTime	12:00:00
	activityDate	2024-06-12
	activityCapacity	5
<b>Expected Result</b>	A new KAFA Activity is created and displayed on the “Upcoming KAFA Activities” section of the KAFA Activities page.	
<b>Actual Result</b>	The system successfully creates a new activity and displays it on the	

	“Upcoming KAFA Activities” section of the KAFA Activities page.
--	---

<b>Test Case ID</b>	TC-02-02
<b>Objective</b>	Verify that KAFA Admins, Teachers, and Parents can view all the KAFA activities.
<b>Description</b>	The system should display all created activities in two sections: upcoming KAFA activities and previous KAFA activities.
<b>Test Data</b>	- Click the <<KAFA Activities>> option on the side menu
<b>Expected Result</b>	KAFA Admins, Teachers, and Parents can view all the KAFA activities.
<b>Actual Result</b>	The system retrieves all the activities from the database and displays all created activities in two sections: upcoming KAFA activities and previous KAFA activities.

<b>Test Case ID</b>	TC-02-03		
<b>Objective</b>	Verify that KAFA Admins and Teachers can edit upcoming KAFA activities.		
<b>Description</b>	KAFA Admins and Teachers can edit the details of upcoming activities.		
<b>Test Data</b>	<b>Original Data</b>	<b>activityName</b>	Writing Competition
		<b>activityDetails</b>	This is a writing competition for KAFA students.
		<b>activityLocation</b>	School Hall
		<b>startTime</b>	12:00:00

		<b>endTime</b>	14:00:00
		<b>activityDate</b>	2024-06-14
		<b>activityCapacity</b>	10
	<b>Modified Data</b>	<b>activityName</b>	Writing Competition
		<b>activityDetails</b>	This is a writing competition for KAFA students.
		<b>startTime</b>	11:00:00
		<b>endTime</b>	12:15:00
		<b>activityLocation</b>	Classroom
		<b>activityDate</b>	2024/06/15
	<b>activityCapacity</b>	8	
<b>Expected Result</b>	The system successfully validated the modified input data, updated the existing activity details in the database, and navigated KAFA Admins and Teachers to the KAFA Activities page.		
<b>Actual Result</b>	The system navigates the KAFA Administrators and Teachers to the KAFA Activities page and displays a success message, indicating the activity has been successfully edited.		

<b>Test Case ID</b>	TC-02-04
<b>Objective</b>	Verify that KAFA Admins, Teachers, and Parents can view the details of the specific KAFA activity.
<b>Description</b>	The system displays the details of the selected activity.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click the <b>view</b> icon of the specific activity in the upcoming KAFA Activities or previous KAFA Activities section</li> </ul>
<b>Expected Result</b>	The system retrieves the selected activity details from the database and displays the activity details in the view activity form.
<b>Actual Result</b>	The system navigates KAFA Admins, Teachers, and Parents to the view activity details page and displays the selected activity details.

<b>Test Case ID</b>	TC-02-05
<b>Objective</b>	Verify that KAFA Admins and Teachers can delete the existing activity.
<b>Description</b>	The system will delete the activity from the database when the deletion is confirmed.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click the <b>delete</b> icon of the specific activity in the upcoming KAFA Activities or previous KAFA Activities section</li> <li>- Click the <b>OK</b> button in the delete confirmation dialog.</li> </ul>
<b>Expected Result</b>	The system deletes the selected activity from the database and navigates the KAFA Admins and Teachers to the KAFA Activities page.
<b>Actual Result</b>	The system navigates KAFA Admins and Teachers to the KAFA Activities page and displays a successful delete activity message, indicating the activity is deleted.

<b>Test Case ID</b>	TC-02-06
<b>Objective</b>	Verify that parents can add participation for their students to the existing upcoming KAFA activity.
<b>Description</b>	The system will save the participation details into the database with the IDs of the students and the activities.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click the view icon of the specific activity in the upcoming KAFA activities section.</li> <li>- Click the &lt;&lt;Join&gt;&gt; button.</li> <li>- Mark the checkboxes for the children's names (e.g., Ali and Abu Bin Ali) by clicking the checkboxes on the add participants page.</li> <li>- Click the &lt;&lt;Submit&gt;&gt; button.</li> </ul>
<b>Expected Result</b>	The participants are successfully added to the database and a successful add participants message is displayed.
<b>Actual Result</b>	The system navigates the parent to the view activity details page with a successful add participants message, indicating the parent successfully added the participants.

<b>Test Case ID</b>	TC-02-07
<b>Objective</b>	Verify that parents can view all the joined KAFA activities by their registered students.
<b>Description</b>	The system should display all activities joined by the parent's registered students in two lists: upcoming joined activities and past joined activities.
<b>Test Data</b>	- Click the <<Joined Activities>> option on the side menu
<b>Expected Result</b>	The system retrieves all activities joined by the parent's registered students and displays them in two lists: upcoming joined activities and past joined activities.
<b>Actual Result</b>	The parent can view all activities joined by the parent's registered students in two lists: upcoming joined activities and past joined activities.

<b>Test Case ID</b>	TC-02-08
<b>Objective</b>	Verify that parents can view the details of the specific KAFA activity joined by their registered students.
<b>Description</b>	The system should display the details of the selected joined activity.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click the view icon of the specific joined activity in the upcoming Joined Activities or previous Joined Activities section.</li> </ul>
<b>Expected Result</b>	The system retrieves the selected joined activity details from the database and displays the joined activity details.
<b>Actual Result</b>	The system navigates Parents to the view joined activity details page and displays the selected joined activity details.

<b>Test Case ID</b>	TC-02-09
<b>Objective</b>	Verify that Parents can cancel the participation of their registered students in KAFA activities they have previously joined.
<b>Description</b>	The system deletes the participation data of the selected students from the database, removing the association of the selected students from the activity.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click the view icon of the specific joined activity in the upcoming joined activities section.</li> <li>- Click the &lt;&lt;Unjoin&gt;&gt; button.</li> <li>- Mark the checkboxes for the children's names (e.g., Abu Bin Ali) by clicking the checkboxes on the delete participants page.</li> <li>- Click the &lt;&lt;Submit&gt;&gt; button.</li> </ul>
<b>Expected Result</b>	The system searches for the participation data based on the student ID and deletes it, removing the association of the selected students from the activity.
<b>Actual Result</b>	The system navigates the parent to the view joined activity details page with a successful delete participants message, indicating the parent successfully deleted the participants.



<b>Test Case ID</b>	TC-02-10
<b>Objective</b>	Verify that parents cannot add the same student to an activity multiple times.
<b>Description</b>	The system will not update the database with a duplicate entry for the same student in the activity.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Mark the checkboxes for the children's names who were previously added by clicking the checkboxes (eg. Abu Bin Ali)</li> <li>- Click the &lt;&lt;Submit&gt;&gt; button.</li> </ul>
<b>Expected Result</b>	The system detects that the student is a duplicate entry for the same activity and displays an error message indicating that the student has already joined the activity.
<b>Actual Result</b>	The system displays the error message 'The student has already joined the activity'.

<b>Test Case ID</b>	TC-02-11
<b>Objective</b>	Verify that KAFA Administrators and Teachers can view the participants list of the KAFA activity.
<b>Description</b>	The system displays a page that shows the participants list.
<b>Test Data</b>	- Click the <<View Participants>> button on the view activity details page.
<b>Expected Result</b>	The system retrieves and displays all participants of the activity in a list.
<b>Actual Result</b>	The system displays all participants of the activity in a list on the "ListOfParticipant" page.

<b>Test Case ID</b>	TC-02-12
<b>Objective</b>	Verify that parents cannot add participation for their registered students if the activity capacity is full.
<b>Description</b>	The system will display an error message to indicate that the activity is currently full.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click the view icon of the specific activity in the upcoming activities section where the activity capacity is full, indicating zero available slots.</li> <li>- Click the &lt;&lt;Join&gt;&gt; button.</li> </ul>
<b>Expected Result</b>	The system detects the available slot of the activity is currently zero and displays an error message to indicate that the activity is full.
<b>Actual Result</b>	The system displays an error message, indicating that the activity is full, and cannot join the activity.

<b>Test Case ID</b>	TC-02-13
<b>Objective</b>	Verify that parents cannot add participation for their registered students in past activities.
<b>Description</b>	There is no join button available for the parent to add participants.
<b>Test Data</b>	- Click the view icon of the specific activity in the previous KAFA activities section on the KAFA Activities page.
<b>Expected Result</b>	The system displays the view activity form with specific activity details, excluding the join button.
<b>Actual Result</b>	The system shows the selected activity details without the join button, indicating that parents cannot add participation for their registered students in past activities.

<b>Test Case ID</b>	TC-02-14
<b>Objective</b>	Verify that parents cannot add more participants than the available slots.
<b>Description</b>	The system will display an error message, indicating that the number of added participants exceeds the available slots and the parent will be redirected to the view activity details page.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click the view icon of the specific activity in the upcoming KAFA activities section.</li> <li>- Click the &lt;&lt;Join&gt;&gt; button.</li> <li>- Mark the participants more than the available slots of the activity by clicking the checkbox.</li> <li>- Click the &lt;&lt;Submit&gt;&gt; button.</li> </ul>
<b>Expected Result</b>	The system detects that the current count of participants exceeds the available slots and displays an error message indicating that the added participants exceed the available slots.
<b>Actual Result</b>	The system redirects the parent to the view activity details page and displays an error message indicating that the number of added participants exceeds the available slots.

<b>Test Case ID</b>	TC-02-15
<b>Objective</b>	Verify that parents cannot delete participation in past activities joined by their registered students.
<b>Description</b>	There is no unjoin button available for the parent to delete participants.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click the Joined Activities option on the side menu.</li> <li>- Click the view icon of the specific joined activity in the past joined activities section.</li> </ul>
<b>Expected Result</b>	The system displays the view joined activity form with specific joined activity details, excluding the unjoin button.
<b>Actual Result</b>	The system displays specific joined activity details without the unjoin button, indicating the parent cannot delete participation for their registered students in past activities.

<b>Test Case ID</b>	TC-02-16
<b>Objective</b>	Verify that KAFAs Admins and Teachers cannot edit the details of past activities.
<b>Description</b>	The system does not display the edit icon in the previous KAFAs Activities section for admins and teachers to edit activities when viewing the KAFAs Activities.
<b>Test Data</b>	- Click the KAFAs Activities option on the side menu.
<b>Expected Result</b>	The system displays all created activities in two lists: upcoming joined activities and past joined activities. In the past joined activities section, the action tab includes a view icon and a delete icon, excluding the edit icon.
<b>Actual Result</b>	The system successfully displays all created activities in two lists: upcoming joined activities and past joined activities. In the past joined activities section, the action tab includes a view icon and a delete icon, and the edit icon is excluded as expected.

### 3.3 Manage Student Result [Yee Zhi Yew (CB21026)]

<b>Test Case ID</b>	TC-03-01	
<b>Objective</b>	Verify that a result can be added successfully by KAFA Admin/Teacher for an existing student.	
<b>Description</b>	KAFA Admin/Teacher adds a result for a student who exists in the system by filling the result form.	
<b>Test Data</b>	stu_ic	111111111111
	exam_center_id	1
	year	A
	grade_solat	A
	grade_pchi	A
	grade_quran	A
	grade_jawi	A
	grade_sirah	A
	grade_syariah	A
	grade_adab	A
	grade_lughah	A
<b>Expected Result</b>	System saves the result into the database and displays the result added successfully message.	
<b>Actual Result</b>	Result added successfully and display result added successfully message.	

<b>Test Case ID</b>	TC-03-02	
<b>Objective</b>	Verify that the system prompts the user when adding a result for a non-existent student.	
<b>Description</b>	KAFA Admin/Teacher attempts to add a result for a student not registered in the system.	
<b>Test Data</b>	stu_ic	111111111122
	exam_center_id	1
	year	A



	grade_solat	A
	grade_pchi	A
	grade_quran	A
	grade_jawi	A
	grade_sirah	A
	grade_syariah	A
	grade_adab	A
	grade_lughah	A
<b>Expected Result</b>	System displays a confirmation box with “IC number not found, please check again.” message and prevent submission.	
<b>Actual Result</b>	A confirmation box “IC number not found, please check again.” message displayed and submission is prevented. No result is added.	

<b>Test Case ID</b>	TC-03-03	
<b>Objective</b>	Verify that the system prompts the user to fill all required fields.	
<b>Description</b>	KAFAs Admin/Teacher tries to add a result without filling all mandatory fields.	
<b>Test Data</b>	stu_ic	11111111122
	exam_center_id	1
	year	A
	grade_solat	A
	grade_pchi	A
	grade_quran	A
	grade_jawi	A
	grade_sirah	(Not selected)
	grade_syariah	A
	grade_adab	A
	grade_lughah	A

<b>Expected Result</b>	System detects missing fields, displays an error message, highlights the missing field and prompts to fill the required fields, no result added.
<b>Actual Result</b>	Error messages displayed, input boxes that are not filled were highlighted and the system prompts users to fill required fields. No result added.

<b>Test Case ID</b>	TC-03-04
<b>Objective</b>	Verify that KAFA Admin/Teacher can view the view result form of a student.
<b>Description</b>	KAFA Admin/Teacher views the view result form for a specific student.
<b>Test Data</b>	Click <<View>> icon button for a selected student result.
<b>Expected Result</b>	System displays the view result form correctly with student name, IC number, exam center, year, all courses and respective grades.
<b>Actual Result</b>	View result form displayed correctly with student name, IC number, exam center, year, all courses and respective grades.

<b>Test Case ID</b>	TC-03-05
<b>Objective</b>	Verify that a parent can view the result slip of a student that registered under the parent.
<b>Description</b>	Parent view the result slip of the registered student.
<b>Test Data</b>	Click <<View>> icon button for a selected student result.
<b>Expected Result</b>	System displays the result slip correctly with student name, IC number, exam center, year, all courses and respective grades.
<b>Actual Result</b>	Result slip displayed correctly with student name, IC number, exam center, year, all courses and respective grades.

<b>Test Case ID</b>	TC-03-06
<b>Objective</b>	Verify that a result can be edited successfully for an existing student by KAFA Admin/Teacher.

<b>Description</b>	KAFAdmin/Teacher edits the result of a student.	
<b>Test Data</b>	grade_sirah	B
	grade_lughah	B
<b>Expected Result</b>	System updates result with new data and displays "results updated successfully message.	
<b>Actual Result</b>	Result updated successfully, confirmation message "Result updated successfully" displayed.	

<b>Test Case ID</b>	TC-03-07	
<b>Objective</b>	Verify that a result can be deleted successfully by KAFAdmin/Teacher.	
<b>Description</b>	KAFAdmin/Teacher deletes a student's result.	
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click &lt;&lt;Delete&gt;&gt; icon button.</li> <li>- Click &lt;&lt;OK&gt;&gt; button</li> </ul>	
<b>Expected Result</b>	System deletes the selected result and displays result deleted successfully message.	
<b>Actual Result</b>	Result deleted successfully, confirmation message "Result deleted successfully" displayed.	

<b>Test Case ID</b>	TC-03-08	
<b>Objective</b>	Verify that a result deletion action can be cancelled by KAFAdmin/Teacher.	
<b>Description</b>	KAFAdmin/Teacher cancel delete a student's result.	
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click &lt;&lt;Delete&gt;&gt; icon button.</li> <li>- Click &lt;&lt;Cancel&gt;&gt; button</li> </ul>	
<b>Expected Result</b>	System cancel deletion action, no result is being deleted.	
<b>Actual Result</b>	No student result deleted.	

<b>Test Case ID</b>	TC-03-09	
---------------------	----------	--

<b>Objective</b>	Verify that the Parent can perform view operation on student results only.
<b>Description</b>	Parent access student results list table with <<View>> icon button available only.
<b>Test Data</b>	Click <<Student Result>> at the side navigation menu.
<b>Expected Result</b>	System displays a student results list table with a <<View>> icon button available only.
<b>Actual Result</b>	Student results list table displayed with a <<View>> icon button available only.

<b>Test Case ID</b>	TC-03-10
<b>Objective</b>	Verify that the user is able to return to the home page regardless of any student results related page.
<b>Description</b>	Users click the <<Back>> button to return to the home page.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click &lt;&lt;Back&gt;&gt; button at add result form page.</li> <li>- Click &lt;&lt;Back&gt;&gt; button at edit result form page.</li> <li>- Click &lt;&lt;Back&gt;&gt; button at view result form page.</li> </ul>
<b>Expected Result</b>	System returns to the home page.
<b>Actual Result</b>	System returned to the home page.

<b>Test Case ID</b>	TC-03-11		
<b>Objective</b>	Verify that the IC number input field accepts only 12 digits.		
<b>Description</b>	KAFA Admin/Teacher enters an invalid IC number length.		
<b>Test Data 1</b>	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">stu_ic</td> <td>11111111</td> </tr> </table>	stu_ic	11111111
stu_ic	11111111		
<b>Test Data 1</b>	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">stu_ic</td> <td>11111111111111</td> </tr> </table>	stu_ic	11111111111111
stu_ic	11111111111111		
<b>Expected Result</b>	System should display an IC number length must be 12 digits error message.		
<b>Actual Result</b>	System displays “The IC number must be 12 digits.” error message.		

<b>Test Case ID</b>	TC-03-12	
<b>Objective</b>	Verify that a result cannot be added by KAFA Admin/Teacher if the IC number is the same as the existence record.	
<b>Description</b>	KAFA Admin/Teacher adds a result with the same IC number as the existing student result record.	
<b>Test Data</b>	stu_ic	111111111111
<b>Expected Result</b>	System should display “The result for this IC number has already been added.” error message.	
<b>Actual Result</b>	System displays “The result for this IC number has already been added.” error message.	

### 3.4 Manage KAFA Bulletin [Nuratika Elya Binti Zamri (CB21047)]

<b>Test Case ID</b>	TC-04-01	
<b>Objective</b>	Verify that KAFA Admin and MUIP Admin can create a new KAFA Bulletin.	
<b>Description</b>	KAFA Admin and MUIP Admin can successfully create a new KAFA Bulletin.	
<b>Test Data</b>	bulletinTitle	Perubahan Jadual Pengajaran Sempena Cuti Sekolah
	publishDate	2024-06-14
	publishTo	“Parent” , “Teacher”
	bulletinDetails	<p>Salam sejahtera kepada semua warga KAFA,</p> <p>Diberitahu bahawa terdapat perubahan jadual pengajaran sempena cuti sekolah yang akan berlaku. Berikut adalah butiran perubahan tersebut:</p> <p>Tarikh: 20 Februari 2022 (Ahad)</p>

		<p>Tempat: Dewan KAFA Utama</p> <p>Masa: 8:00 pagi - 12:00 tengah hari</p> <p>Sila berikan perhatian kepada semua guru dan pelajar untuk hadir tepat pada masa yang ditetapkan. Terima kasih.</p> <p>Sekian, terima kasih.</p>
<b>Expected Result</b>	A new KAFA Bulletin is created and displayed on the “KAFA Bulletin List” section of the KAFA Bulletin page.	
<b>Actual Result</b>	The system successfully creates a new KAFA Bulletin and displays it on the KAFA Bulletin list page.	

<b>Test Case ID</b>	TC-04-02
<b>Objective</b>	Verify that KAFA Admin and MUIP Admin can view the selected KAFA Bulletin.
<b>Description</b>	KAFA Admin and MUIP Admin can successfully view selected KAFA Bulletin.
<b>Test Data</b>	- Click the <b>view</b> icon of the specific bulletin in the KAFA Bulletin page.
<b>Expected Result</b>	The system retrieves the selected bulletin details from the database and displays the bulletin details in the view bulletin form.
<b>Actual Result</b>	The system navigates KAFA Admin and MUIP Admin to the view bulletin details page and displays the selected bulletin details.

<b>Test Case ID</b>	TC-04-03		
<b>Objective</b>	Verify that KAFA Admin and MUIP Admin can edit the selected KAFA Bulletin.		
<b>Description</b>	KAFA Admin and MUIP Admin can successfully edit the selected KAFA Bulletin.		
<b>Test Data</b>	<b>Original Data</b>	bulletinTitle	Perubahan Jadwal Pengajaran Sempena Cuti Sekolah
		publishDate	2024-06-14
		publishTo	“Parent” , “Teacher”
		bulletinDetails	Salam sejahtera kepada semua warga KAFA,  Diberitahu bahawa terdapat perubahan

			<p>jadual pengajaran sempena cuti sekolah yang akan berlaku. Berikut adalah butiran perubahan tersebut:</p> <p style="text-align: center;">Tarikh: 20 Februari 2022 (Ahad)</p> <p style="text-align: center;">Tempat: Dewan KAFA Utama</p> <p style="text-align: center;">Masa: 8:00 pagi - 12:00 tengah hari</p> <p style="text-align: center;">Sila berikan perhatian kepada semua guru dan pelajar untuk hadir tepat pada masa yang ditetapkan. Terima kasih.</p> <p style="text-align: center;">Sekian, terima kasih.</p>
	<b>Modified Data</b>	bulletinTitle	Perubahan Jadual Pengajaran Sempena Cuti Sekolah
		publishDate	2024-06-14
		publishTo	"Teacher"
		bulletinDetails	<p>Salam sejahtera kepada semua warga KAFA,</p> <p style="text-align: center;">Diberitahu bahawa</p>



			<p>terdapat perubahan jadual pengajaran sempena cuti sekolah yang akan berlaku. Berikut adalah butiran perubahan tersebut:</p> <p>Tarikh: 25 Februari 2022 (Ahad)</p> <p>Tempat: Dewan KAFA Utama</p> <p>Masa: 8:00 pagi - 12:00 tengah hari</p> <p>Sila berikan perhatian kepada semua guru dan pelajar untuk hadir tepat pada masa yang ditetapkan. Terima kasih.</p> <p>Sekian, terima kasih.</p>
<b>Expected Result</b>	The system successfully validated the modified input data, updated the existing bulletin details in the database, and navigated KAFA Admin and MUIP Admin to the KAFA Bulletin list page.		
<b>Actual Result</b>	The system navigates the KAFA Admin and MUIP Admin to the KAFA Bulletin list page and displays a successful message, indicating the bulletin has been successfully edited.		

<b>Test Case ID</b>	TC-02-04
<b>Objective</b>	Verify that KAFA Admin and MUIP Admin can delete the existing bulletin.
<b>Description</b>	The system will delete the bulletin details from the database when the deletion is confirmed.
<b>Test Data</b>	<ul style="list-style-type: none"> <li>- Click the <b>delete</b> icon of the specific bulletin on the KAFA Bulletin list page.</li> <li>- Click the <b>OK</b> button in the delete confirmation dialog.</li> </ul>
<b>Expected Result</b>	The system deletes the selected bulletin from the database and navigates the KAFA Admin and MUIP Admin to the KAFA bulletin list page.
<b>Actual Result</b>	The system navigates KAFA Admin and MUIP Admin to the KAFA Bulletin list page and displays a successful delete bulletin message, indicating the activity is deleted.

<b>Test Case ID</b>	TC-04-05	
<b>Objective</b>	Verify that KAFA Admin and MUIP Admin can view search results of the specific list of KAFA Bulletin.	
<b>Description</b>	KAFA Admin and MUIP Admin can successfully view search results of the specific list of KAFA Bulletin.	
<b>Test Data</b>	bulletinTitle	Jadual
	publishDate_from	2024-06-14
	publishDate_To	-
	publishTo	“Parent”, “Teacher”
<b>Expected Result</b>	KAFA Admin and MUIP Admin should be able to view search results of the specific list of KAFA Bulletin based on the required details provided.	
<b>Actual Result</b>	The system successfully retrieves the bulletin that has the keyword “Jadual” and the publish date is on 2024-06-14 and publishes to Parent and Teacher and displays the search results of KAFA Bulletin to KAFA Admin and MUIP Admin.	

<b>Test Case ID</b>	TC-04-06	
<b>Objective</b>	Verify that Teachers and Parents can view the published KAFA Bulletin that was created by KAFA Admin or MUIP Admin.	
<b>Description</b>	Teachers and Parents can successfully view the published KAFA Bulletin that was created by KAFA Admin or MUIP Admin.	

<b>Test Data</b>	- Click the “KAFAs Bulletin” side menu button.
<b>Expected Result</b>	Teachers and Parents should be able to view the bulletin details that are published to them.
<b>Actual Result</b>	The system successfully retrieves the bulletin details that are published specifically for them along with the details of the publisher.

<b>Test Case ID</b>	TC-04-07	
<b>Objective</b>	Verify that Teachers and Parents can view search results of the specific list of KAFAs Bulletin.	
<b>Description</b>	Teachers and Parents can successfully view search results of the specific list of KAFAs Bulletin.	
<b>Test Data</b>	bulletinTitle	Jadual
	publishDate_from	2024-06-14
	publishDate_To	-
<b>Expected Result</b>	Teachers and Parents should be able to view search results of the specific list of KAFAs Bulletin based on the required details provided.	
<b>Actual Result</b>	The system successfully retrieves the bulletin that has the keyword “Jadual” and the publish date is on 2024-06-14 and displays the search results of KAFAs Bulletin to Teachers and Parents.	

<b>Test Case ID</b>	TC-04-08
<b>Objective</b>	Verify that KAFA Admin and MUIP Admin can view all the lists of KAFA Bulletin.
<b>Description</b>	KAFA Admin and MUIP Admin can successfully view all the lists of KAFA Bulletin created.
<b>Test Data</b>	- Click on the KAFA Bulletin navigation in the side menu.
<b>Expected Result</b>	The system retrieves all the bulletin created by them from the database and displays the bulletin in the bulletin list page.
<b>Actual Result</b>	The system navigates KAFA Admin and MUIP Admin to the bulletin list and displays all the list of bulletin created by them.

## CHAPTER 4: Acronyms and Abbreviations

Acronyms and Abbreviations	Meaning
KMS	KAFA Management System
TC	Test Case
STD	Software Test Document
KAFA	Kelas Al-Quran & Fardu Ain