SRS Document: By Module

1. Student and Module Information

Name	SHAMMENE MUNEESVARAN		
Matric ID	CB21018	Section No.	04/A
Group No.	5	Module No.	5
Module Description	module five is to manage incentives that are about application for special incentives for the bride and groom if they are eligible. Users can check their eligibility for the special incentives by entering their identity card number, salary, and city. Users will be notified by displaying a message if they are eligible for the incentives and continue their application. Users can fill in and submit the "Borang Khas Pasangan Pengantin'' form which includes a number, Akad Nikah Paper, bank statement details, and a letter from their working company. In addition, users can cancel and upload their document as long as it is in an unsubmitted status. JAIP administrators will receive the form and decide on the application. Users will be able to view the application status and if the application is approved, users can view incentive details in the report.		

2. Use Case Description

Use Case ID	SRS-UC-500
Brief Description	This use case allows user to apply incentive
Actor	Future brides and grooms, and JAIP staff
Pre-condition	1. The user must be a Pahang citizen. 2. The user must have a salary below rm5000.

Basic Flow	1. The use case begins when the user accesses the e-Munakahat incentive web page.
	
	2. The system displays the incentive main page to the user.
	
	3. On the incentive page, the user can:
	
	   i) Apply for incentive **[A1: Apply Incentive and Download Document]**
	
	   ii) Download and Upload incentive important documents **[A2: Upload and Download Document]**
	
	   iii) View Status **[A3: View Status and Report]**
	
	4. The use case ends.

Alternative Flow	**A1: Apply incentive and Download Document [SRS-UC-500-REQ-01]**
	
	1. The user enters the IC Number, Salary, and State.
	
	2. The user Clicks <<Seterusnya>>button
	
	3. The system checks the IC number, salary, and state.
	
	  [E1: Invalid user information]
	
	4. The system generates and displays a message to the user if they are eligible to apply for an incentive.
	
	5. The user clicks <<boring insentif khas pasangan pengantin>> link to download.
	
	6. The use case continues with step 1 in the basic flow.
	
	A2: Upload Document [SRS-UC-500-REQ-02]
	
	1. The user will click the <<Muat Naik>>button to upload the User IC, incentive document, Akad Nikah Document, Bank Statement, and Letter from Company.
	
	    [E2: Missing Documents]
	
	2. The user will click the <<Mohon>> button.
	
	3. The use case continues with step 2 in the basic flow.
	
	A3: View Status and Report [SRS-UC-500-REQ-03]
	
	1. The user can view the status on the incentive page.

	2. The user can view reports of the details regarding their incentive.
	3. The report contains how much incentive money will be given to the bride and groom and what will be covered by the JAIP for the marriage also when the incentive will be given.

Exception Flow	**E1: Incorrect User Information [SRS-UC-500-REQ-04]**
	Condition:
	  1. The user's number with the information stored during registration is incorrect.
	  2. The user input state other than 'Pahang'.
	Description:
	  1. The user entered the wrong IC number.
	  2. The system displays a message on the screen that the ic Number/state is incorrect.
	  3. The user clicks the <<OK>> button.
	  4. The flow continues with step 3 in the A2 alternative flow.
	E2: Missing Documents [SRS-UC-500-REQ-05]
	Condition:
	  1. The user did not upload any of the documents.
	  2. The user uploads only one of the documents.
	Description:
	  1. The user did not upload any of the documents or the user only uploaded one document.
	  2. The system displays a message on the screen that no document was uploaded.
	  3. The user clicks the <<OK>> button.
	  4. The flow continues with step 2 in the A2 alternative flow.

Post-conditions	The user submitted their documents successfully.
Rules	R1: Valid IC Number length [SRS-UC-500-REQ-06] The valid IC Number length is 12.
Constraints	C1: One state citizen can apply for an incentive [SRS-UC-500-REQ-07] Citizens from Pahang state or working in Pahang for more than appropriate years only can apply for an incentive.

3. Requirement Traceability

Requirements	Description
SRS-UC-500-REQ-01	Apply the Incentive and Download the Document. The system provides the capability to the user to apply for incentives for marriage and download document incentives.
SRS-UC-500-REQ-02	Upload Document. The system provides the capability to Upload documents and download reports.
SRS-UC-500-REQ-03	View Status and Report. The system provides the capability for the user to view incentive application status and download reports.
SRS-UC-500-REQ-04	Invalid user information. The system can verify that the user details that are entered by users are invalid, and the system provides the capability to re-enter the information.
SRS-UC-500-REQ-05	Missing Documents. The system can verify that the user did not upload any documents and the system provides the capability to re-upload the incentive documents.
SRS-UC-500-REQ-06	Valid IC Number length. The system can verify if the IC length is shorter than 12 Numbers.
SRS-UC-500-REQ-07	One state citizen (Pahang) can apply for an incentive. The system verifies the user is from Pahang state before they can apply for an incentive and proceed to the next step.

4. Sequence Diagram.

4.1 Basic Flow
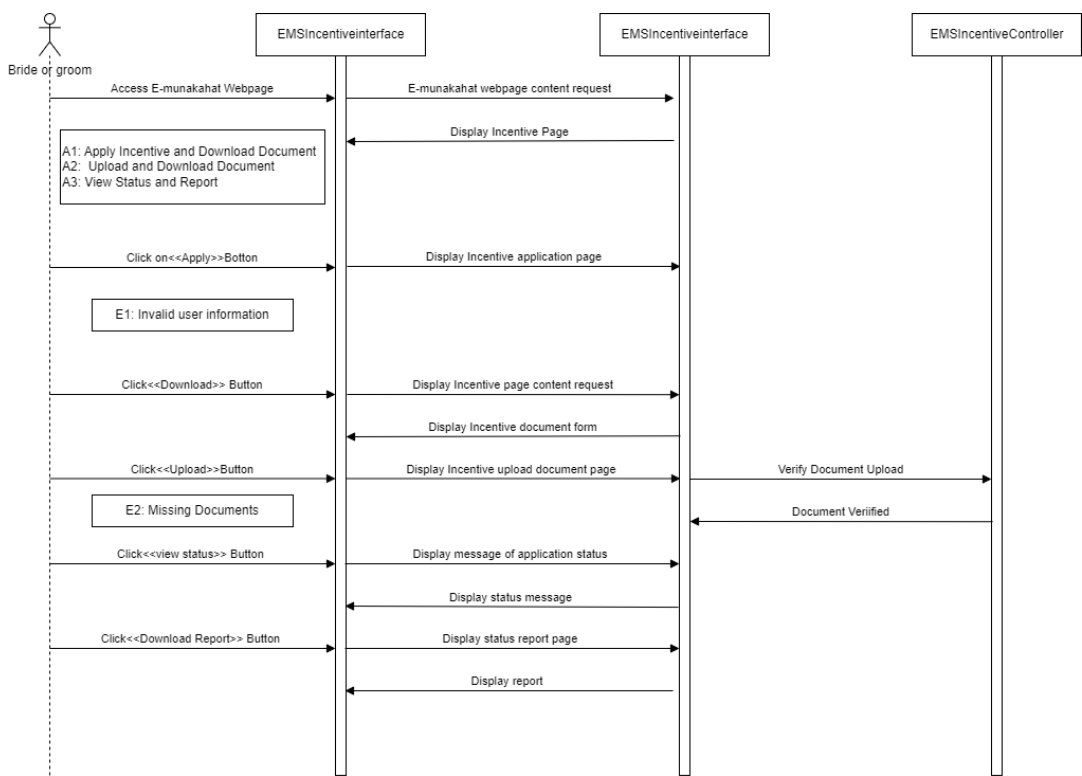
Figure 4.1.1 Sequence Diagram: Basic Flow

4.2 Alternative Flow
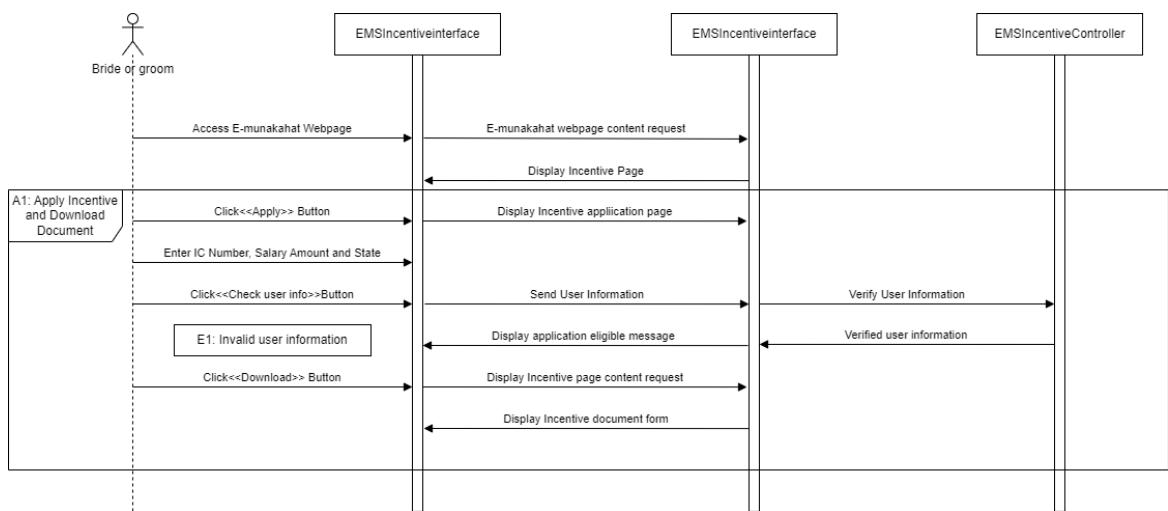
Figure 4.2.1 Sequence Diagram: Alternative Flow
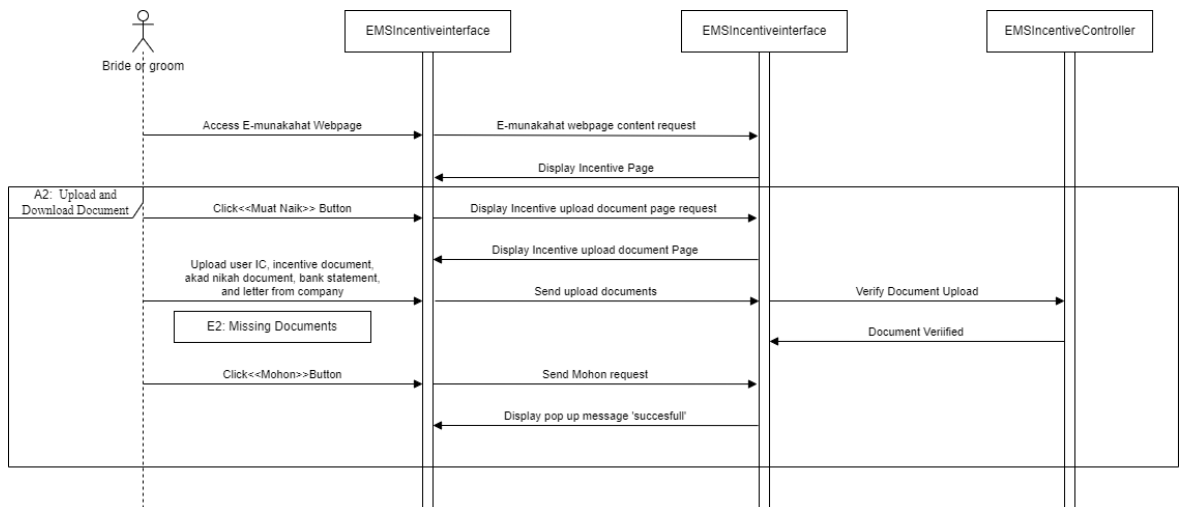
Figure 4.2.2 Sequence Diagram: Alternative Flow
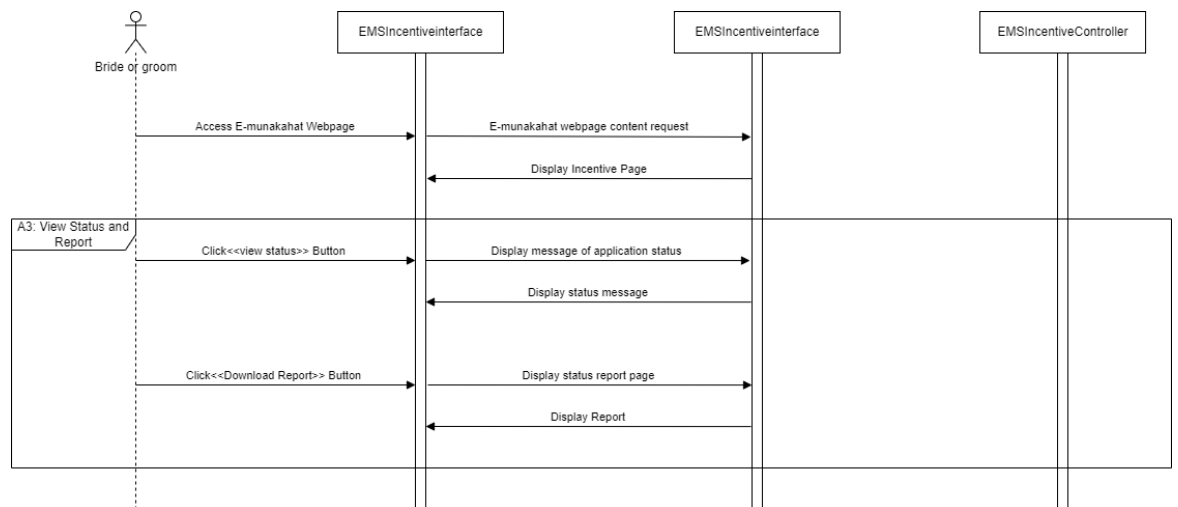
Figure 4.2.3 Sequence Diagram: Alternative Flow
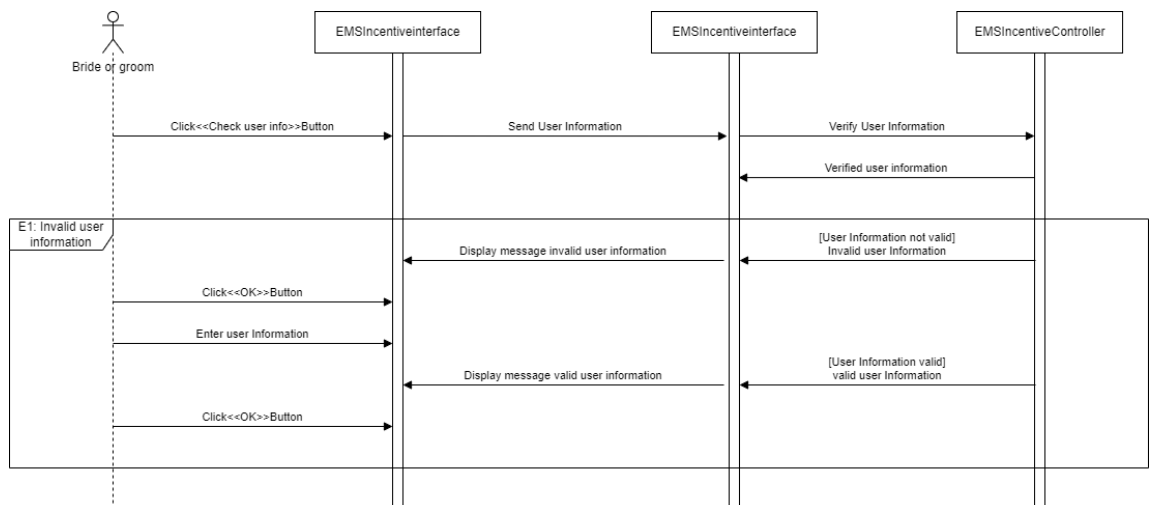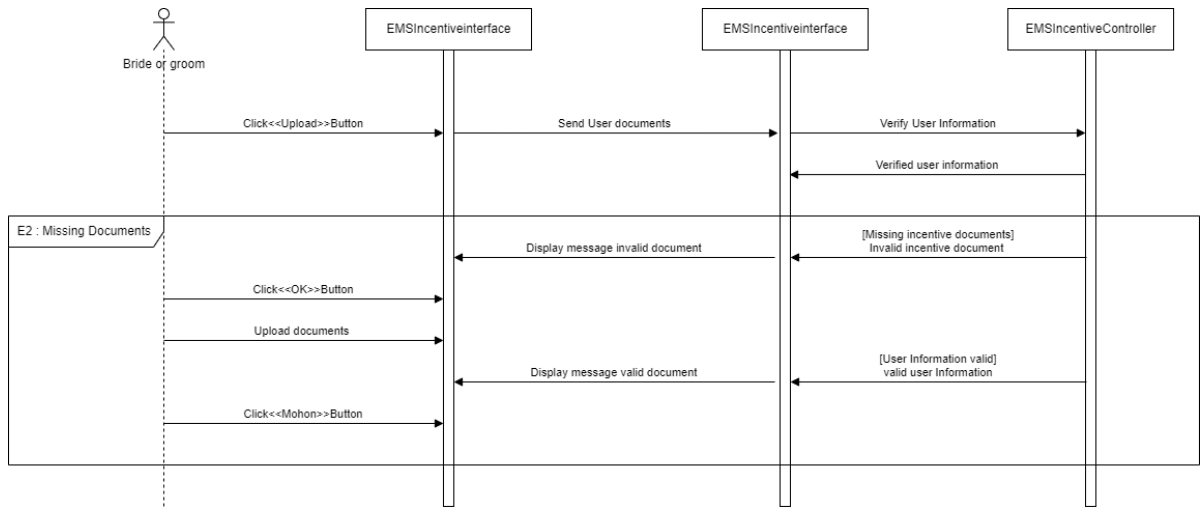
4.3   Exception Flow

Figure 4.3.1 Sequence Diagram: Exception Flow

Figure 4.3.2 Sequence Diagram: Exception Flow

5. User Interface

B.1 User Incentive Application Page

B.2 User Incentive Document Upload Page

B.3 User application status view and download Page

B.4 Staff Edit Incentive Application Page

e-Munakahat

SISTEM MAKLUMAT PERKAHWINAN ISLAM PAHANG
JABATAN AGAMA ISLAM PAHANG (JAIP)

PERMOHONAN INSENTIF KHAS PASANGAN PENGANTIN

User Profile	
Kebenaran Berkahwin	
Pendaftaran Nikah	
Semakan Ruju'	
Aduan / Khidmat Nasihat	
Salinan Dokumen	
Insentif Khas	
Log out	

No Kad Pengenalan : 870612061111

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Tarikh : 10/01/2023

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