



SOFTWARE REQUIREMENT SPECIFICATION (SRS)

e-Munakahat

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Bachelor of Computer Science (Software Engineering)



DOCUMENT APPROVAL

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1. INTRODUCTION

1.1 PURPOSE

The purpose of a Software Requirements Specification (SRS) document for the e-Munakahat system is to define the features and requirements clearly and concisely for the system, as well as constraints and assumptions. This serves as a guide for the development team and stakeholders to understand the project's scope and objectives and ensure that the final product meets the needs of the users and the jurisdiction.

This document will provide a clear understanding of the system requirements, including the system attributes and all other system requirements. This will help the development team to identify and understand the requirements that need to be implemented in the system. It will also help the stakeholders to understand the system's capabilities and limitations, and how it will meet their needs. This will help the development team to identify any potential issues and constraints that may arise during the development process and to plan accordingly.

The SRS document will also serve as a reference point for the stakeholders throughout the development process. It will also help the stakeholders to understand any limitations or assumptions that may impact the system's performance or usability, which will help the stakeholders to make informed decisions and better plan for the project. This will also help to ensure that the final product meets the needs of the users and the jurisdiction.

1.2 SYSTEM IDENTIFICATION

The Software Requirement Specification (SRS) belongs to the “e-Munakahat System” (EMUN).

Table 1.1 Document Identity.

System title	e-Munakahat System										
System abbreviation	EMUN										
System identification number	QUC000001-001										
System version number	1.0.22 This is the current release for the e-Munakahat system.										
System release number	1.0.23 Starting with number 1 at the major release shows that this system is initially released to the user. Number 23 at the service release shows that this system is expected to be released in 2023.										
Document Identification ID	SRS-EMUN-001 Meanings for terms use: <table border="1"> <tr> <td>SRS</td><td>Software Requirement Specification</td></tr> <tr> <td>EMUN</td><td>e-Munakahat System (System name)</td></tr> <tr> <td>001</td><td>Document release number</td></tr> </table>	SRS	Software Requirement Specification	EMUN	e-Munakahat System (System name)	001	Document release number				
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001	Document release number										
Requirement ID	RQ001-EMUN-001 Meanings for terms used: <table border="1"> <tr> <td>RQ</td><td>Requirement</td></tr> <tr> <td>001</td><td>Number of requirement in this system</td></tr> <tr> <td>EMUN</td><td>e-Munakahat System (System name)</td></tr> <tr> <td>001</td><td>Document release number</td></tr> </table>	RQ	Requirement	001	Number of requirement in this system	EMUN	e-Munakahat System (System name)	001	Document release number		
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001	Document release number										
Use Case ID	UC101-EMUN-001 Meanings for terms used: <table border="1"> <tr> <td>UC</td><td>Use Case</td></tr> <tr> <td>1</td><td>Number of the system module</td></tr> <tr> <td>01</td><td>Number of use case within a module in the system</td></tr> <tr> <td>EMUN</td><td>e-Munakahat System (System name)</td></tr> <tr> <td>001</td><td>Document release number</td></tr> </table>	UC	Use Case	1	Number of the system module	01	Number of use case within a module in the system	EMUN	e-Munakahat System (System name)	001	Document release number
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1.3 SYSTEM OVERVIEW

Our system is a web-based system to support the Pahang Wedding management system. The purpose of the system is to provide a solution for managing wedding registration and operations efficiently. Users can use this system for marriage registration and information retrieval. It also eases the government to collect granular data on weddings in Pahang and store the information for future use. This system is handled by the Quantum Corp company. This system contains various functionalities such as user registration, marriage application, marriage registration, marriage preparation course, proof of payment, request for marriage, marriage card, marriage consultation, and special incentives for the bride and groom.

There are five modules in this system which are:

1. Registration and handle user profile

The initial stage in using the system is applicant registration, which is required for the applicants to enter the system. The admin will register the staff through the database. It contains private information like an Identity Card number, phone number, email address and password. Because registration is based on the user's IC number, a unique number with no duplicates, each user has just one account for the system. Once the registration is successful for the users, they can log in to get access to the system contents after completing the registration process. The system also allows users to modify their profile details to update their details.

2. Attend the marriage preparation course with proof of payment and to request a marriage.

A consultation module in a marriage registration system is a feature that allows individuals to request and schedule appointments with a marriage registration officer or other staff members to obtain information or assistance with the marriage registration process. This module would typically include a calendar or scheduling system to manage the availability of staff members and the appointments that have been requested. It may also include a form or other mechanism for individuals to request appointments and any necessary information about the individuals requesting the appointments (such as their contact details). The consultation module may also include functionality for staff members to view and manage their appointments and to record notes or other information about the consultations that have taken place. The applicant applies for a consultation session, and the staff approves the application, schedules the session time, and assigns an advisor for the session. Then the staff record the applicant's attendance and spouse as well.

3. An application to register a marriage within or outside the country, as well as a voluntary marriage, and to produce the marriage card or certificate with proof of payment

Marriage registration is split into two processes which are voluntary and authorized registration. User needs to pass a pre-marriage course to be able to register their marriage. Voluntary registration is for the older generation who live far away from town and did not register when they married. For authorized registration, the user must prepare various forms and information in which the template is provided in the system. After staff from JAIP has approved the marriage registration, it will notify the user so that they know their marriage registration has been approved.

4. Register for a marriage consultation with a service advisor.

A consultation module in a marriage registration system is a feature that allows individuals to request and schedule appointments with a marriage registration officer or other staff members to obtain information or assistance with the marriage registration process. This module would typically include a calendar or scheduling system to manage the availability of staff members and the appointments that have been requested. It may also include a form or other mechanism for individuals to request appointments and any necessary information about the individuals requesting the appointments (such as their contact details). The consultation module may also include functionality for staff members to view and manage their appointments and to record notes or other information about the consultations that have taken place. The applicant applies for a consultation session, and the staff approves the application, schedules the session time, and assigns an advisor for the session. Then the staff record the applicant's attendance and spouse as well.

5. Application for special incentive for the bride and groom

The marriage registration system features a special incentive module that enables users to apply for incentives, provided they meet the necessary prerequisites. This module allows individuals to input their personal information and upload necessary documents, making the process more streamlined. Additionally, the staff side of the platform allows for the review of applications and ensures that the process is efficient and user-friendly. The special incentive module in the marriage registration system also includes a notification feature that keeps applicants informed about the status of their application. Once the staff reviews the application, the applicant will receive a notification, either confirming their approval or outlining the reasons for denial. This ensures that applicants are aware of the status of their application in a timely and efficient manner."

1.4 REFERENCES

(JAIP), J. A. (2022, 11). NOTICE FOR OPEN TENDER REQUEST FOR PROPOSAL. (Q. Corp, Interviewer) Pekan, Pahang, Malaysia. Retrieved 12 2022

Functional and Nonfunctional Requirements: Specification and Types. (2019, October 18). Retrieved from <https://www.altexsoft.com/blog/business/functional-and-non-functional-requirements-specification-and-types/>

Rahman,M.M.(2022,December4). *E-Marriage Registration*. Retrieved from <http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/3516/P13617%20%2822%25%29.pdf?sequence=1&isAllowed=y>

Rosencrance, L. (2019, September 10). *Software requirements specification (SRS)*. Retrieved from <https://www.techtarget.com/searchsoftwarequality/definition/software-requirements-specification>

2. PRODUCT DESCRIPTION

2.1 Product Perspective

From a product perspective, the e-Munakahat system is an online marriage registration system that is designed to automate and streamline the process of registering and managing Muslim marriages in the state of Pahang in Malaysia. It aims to provide a user-friendly and efficient way for individuals to register for marriages, schedule appointments and pre-marriage courses provided by the government. The system will also provide the user with the ability to search for registered marriages, view and print marriage certificates, and access related forms and information.

The system is also designed to provide robust data management and reporting capabilities to support the needs of government officials and staff members responsible for managing marriages. It will provide the administrator with the ability to manage and monitor the system, as well as generate reports based on the collected data. This will allow for better decision-making and process improvements.

To accomplish the system operation of the e-Munakahat system, there is a web-based interface for the users, who are citizens living in Pahang, the system administrator, and JAIP staff. This will provide the user with the ability to access the system from anywhere and at any time.

Figure 2.1.1 shows the context diagram of the e-Munakahat system. This figure shows a general context of the e-Munakahat system functions. This system has four external entities: Applicant, Advisor, Spouse and JAIP staff. Each of these entities has important contribution to this system.

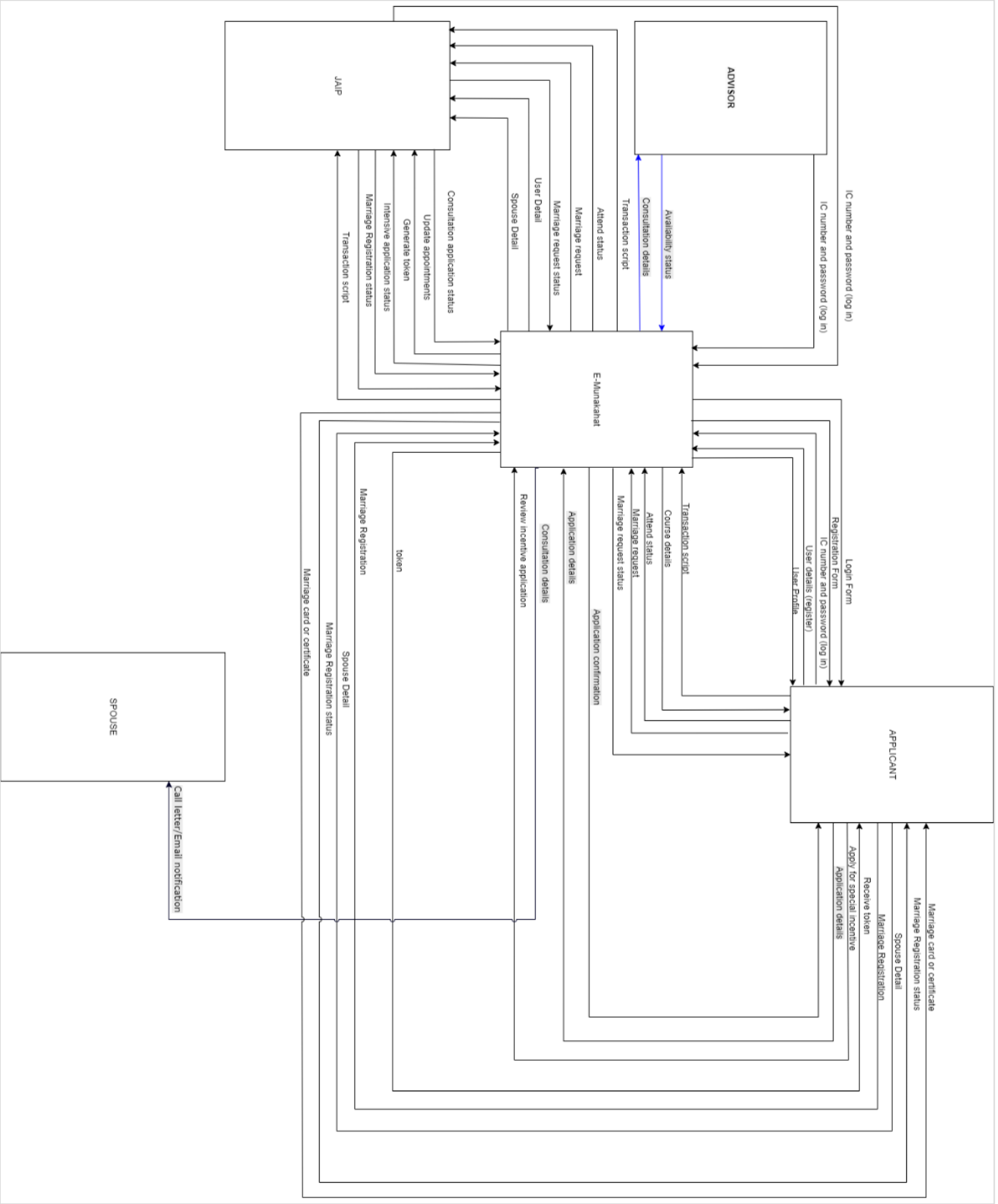


Figure 2.1.1 Context Diagram.

2.2 Product Functions

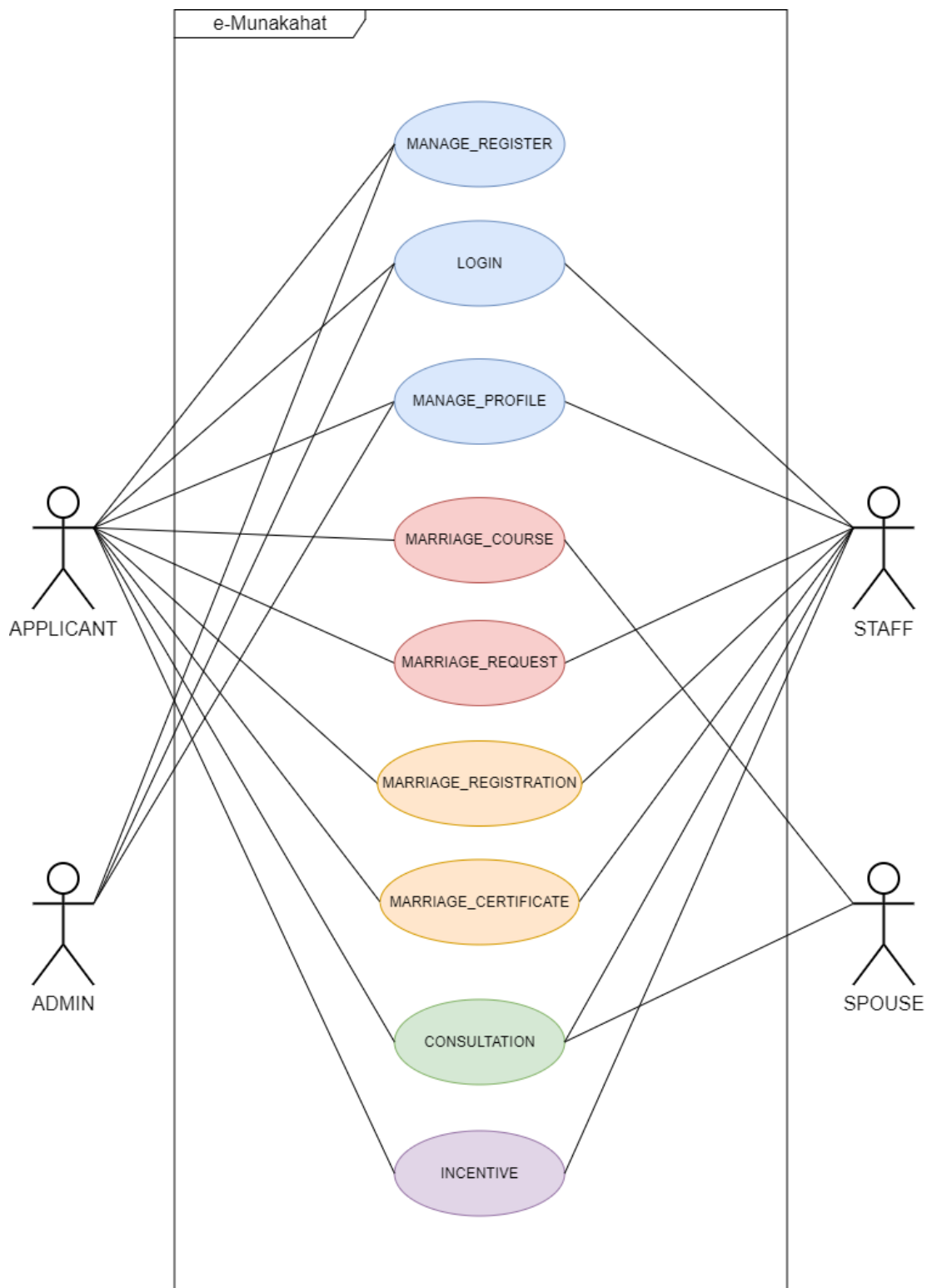


Figure 2.1.1 Use Case Diagram.

2.3 User Characteristics

User	Description	Age (years)	Educational Level	Background Experience
APPLICANT	Visitor of the website and end user who is applying for marriage through the system.	18 and above	No education required	Must be: <ul style="list-style-type: none"> • Malaysian • Muslim • Resident of Pahang Able to: <ul style="list-style-type: none"> • Access the internet • Read and write in Bahasa Melayu • Use computer/smartphones
STAFF	JAIP and PSG staff who are managing applicant information, documents, and applications.	26 to 60	Degree Graduate from managerial institute Computer related course	Must be: <ul style="list-style-type: none"> • Malaysian • Muslim • Resident of Pahang Able to: <ul style="list-style-type: none"> • Access the internet • Use the computer • Read and write in Bahasa Melayu • Read and write in English Language • Identify documents authentic
SPOUSE	Spouse information are entered by the applicant however the spouse will get email notification informing registration.	18 and above	No education required	Able to access the internet Have a functioning email
ADMIN	System administrator who manages the internal part of the system.	26 to 60	Degree Graduate from computer science institute	Must be: <ul style="list-style-type: none"> • Malaysian • Muslim Able to: <ul style="list-style-type: none"> • Access all system features • Manage and maintain the system database files • Set up security policies for the system and users and keep them up to date • Perform system updates and maintenance • Maintain integrity and ethics

3. SPECIFIC REQUIREMENTS

3.1 Software Product Features

3.1.1 Manage Register Use Case

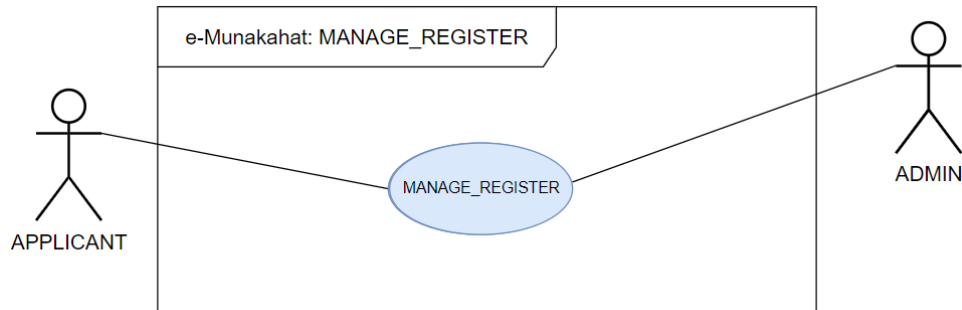


Figure 3.1.1 Manage Register Use Case Diagram.

Table 3.1 Manage Register Use Case Description

Use Case ID	UC101-EMUN-001
Brief Description	This use case describes the registration process by the applicant and admin who registers the staff.
Actor	Applicant and Admin
Pre-Conditions	1) The Applicant & Staff must be a Malaysian. 2) The Applicant & Staff must have a valid Identification Card number.
Basic Flow	APPLICANT 1. The applicant clicks on the register button. 2. The system shows the registration form. 3. The applicant fills in the registration details. 4. The system validates the Identification Card number [E1: Identification Card number] 5. The system validates the Password [E2: Password] 6. The system validates the Email [E3: Email] 7. The system validates the Identification Card number to ensure only 1 account is registered. [C1: Amount of applicant register] 8. The system display registration status. 9. The use case end.

	<p>ADMIN</p> <ol style="list-style-type: none"> 1. The admin login into the system. 2. The admin clicks on the register staff button. 3. The system shows the staff registration form. 4. The admin fills in the registration details. 5. The system validates the Identification Card number [E1: Identification Card number] 6. The system validates the Email [E3: Email] 7. The system validates the Identification Card number to ensure only 1 account is registered. [C1: Amount of applicant register] 8. The system display registration status. 9. The use case end.
Alternative Flow	Not applicable
Exception Flow	<p>E1: Invalid Identification Card number</p> <ol style="list-style-type: none"> 1. The applicant or admin enters new identification card number according to required format and click confirm button. 2. The system will validate the identification card. 3. The use case continues with step 5 in (APPLICANT) basic flow or step 5 in (ADMIN) basic flow. <p>E2: Invalid Password</p> <ol style="list-style-type: none"> 1. The applicant creates a new password according to required format and click confirm button. 2. The system validates new created password. 3. The use case continues with step 6 in (APPLICANT) basic flow. <p>E3: Invalid Email</p> <ol style="list-style-type: none"> 1. The applicant enters a new email and click confirm button. 2. The system validates new email. 3. The use case continues with step 7 in (APPLICANT) basic flow or step 7 in (ADMIN) basic flow.

Post-Conditions	The registration of the applicant is successfully done.
Rules	Not applicable
Constraints	C1: Amount to create account. Only 1 account registration for each of identification card for the applicant.
Sequence Diagram	Refer Appendix A-1.1: Sequence Diagram – Basic Flow A-1.2: Sequence Diagram – Basic Flow A-1.3: Sequence Diagram – Exception Flow A-1.4: Sequence Diagram – Exception Flow

3.1.2 Login Use Case

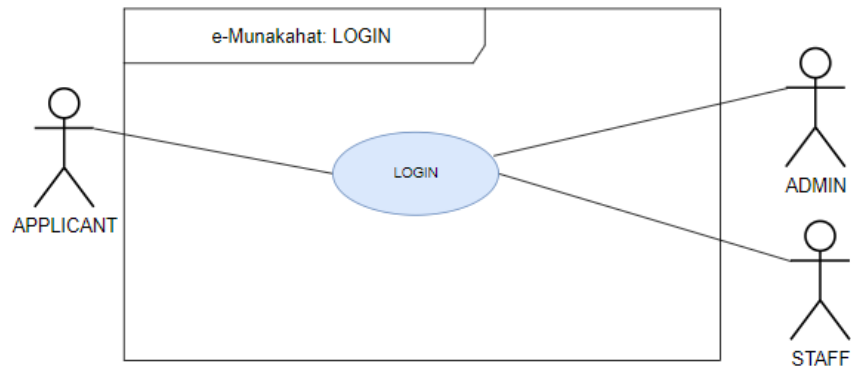


Figure 3.1.2 Login Use Case Diagram.

Table 3.2 Login Use Case Description.

Use Case ID	UC102-EMUN-001
Brief Description	This use case describes the login process for the applicant, staff & admin.
Actor	Applicant, Staff & Admin
Pre-Conditions	<ol style="list-style-type: none"> 1. The applicant must have a registered account. 2. The staff must be registered by the admin.
Basic Flow	<p>APPLICANT</p> <ol style="list-style-type: none"> 1. The system shows the login page. 2. The applicant enters Identification Card number and password. 3. The applicant clicks the login button. 4. The system validates the identification card number [E1: Invalid Identification Card number] 5. The system validates the password [E2: Invalid password] 6. The applicant can click on forgot password. [A1: Forgot password] 7. The use case end

	STAFF & ADMIN <ol style="list-style-type: none"> 1. The system shows the login page. 2. The staff & admin clicks on the staff login button. 3. The system shows the staff login page. 4. The staff & admin enters their identification card number and password. 5. The staff & admin clicks the login button. 6. The system validates the identification card number [E1: Invalid Identification Card number] 7. The system validates the password [E2: Invalid password] 8. The use case end
Alternative Flow	A1. Forgot password <ol style="list-style-type: none"> 1. The applicant clicks on forgot password. 2. The system will ask for email. 3. After entering their email, the system will ask them to check their email to reset password. 4. The applicant enters a new password and click the reset password. 5. The use case continues with step 2 in (APPLICANT) basic flow.
Exception Flow	E1: Invalid Identification Card number <ol style="list-style-type: none"> 1. The applicant and staff enter new identification card number according to required format. 2. The system will validate the identification card. 3. The use case continues with step 3 in (APPLICANT) basic flow and step 5 in (STAFF & ADMIN) basic flow. E2: Invalid password <ol style="list-style-type: none"> 1. The system displays login error. 2. The applicant and staff need to re-enter password. 3. The system verifies the password. 4. The use case continues with step 3 in (APPLICANT) basic flow and step 5 in (STAFF) basic flow.
Post-Conditions	The login for applicant, staff & admin successfully done.
Rules	Not applicable
Constraints	Not applicable
Sequence Diagram	Refer Appendix A-2.1: Sequence Diagram – Basic Flow A-2.2: Sequence Diagram – Alternative Flow A-2.3: Sequence Diagram – Exception Flow

3.1.3 Manage Profile

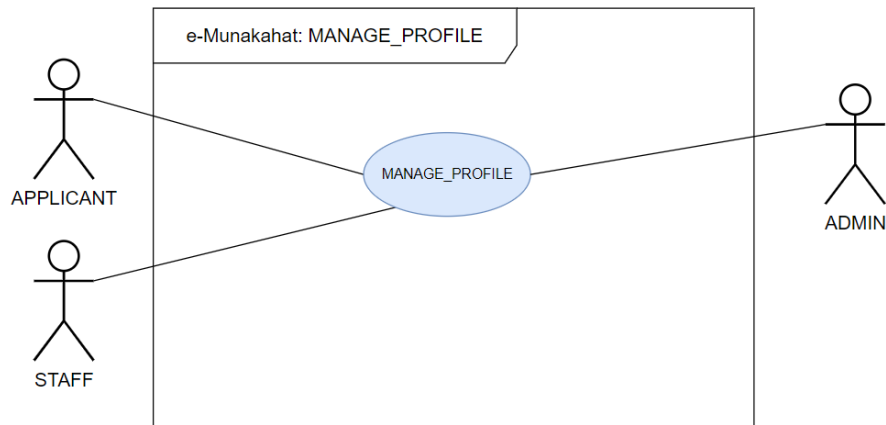


Figure 3.1.2 Manage Profile Use Case Diagram.

Table 3.3 Manage Profile Use Case Description.

Use Case ID	UC103-EMUN-001
Brief Description	This use case describes the applicant and staff to manage their own profiles and admin to update the staff and applicant profiles.
Actor	Applicant, staff, and admin
Pre-Conditions	<ol style="list-style-type: none"> 1. The applicant, staff & admin must be logged in the system. 2. The user chooses profile menu.
Basic Flow	<p>APPLICANT</p> <ol style="list-style-type: none"> 1. The applicant clicks on the profile menu. 2. The system displays the profile account page. 3. The applicant can update their profile. [A1: Update profile] 4. The applicant can change their password. [A2: Change Password] 5. The use case ends. <p>STAFF</p> <ol style="list-style-type: none"> 1. The staff clicks on the profile menu. 2. The system displays the profile account page. 3. The staff can update their profile. [A1: Update profile] 4. The staff can change their password. [A2: Change Password] 5. The use case ends. <p>ADMIN</p> <ol style="list-style-type: none"> 1. The system display admin homepage. 2. The admin can update staff [A3: Update Staff] 3. The admin can update applicant [A4: Update Applicant] 4. The use case end.

Alternative Flow	<p>A1: Update profile</p> <ol style="list-style-type: none"> 1. The applicant and staff update their profile information. 2. The applicant and staff click on the update button. 3. The system displays profile successfully updated. 4. The use case continues with step 2 in (APPLICANT) & (STAFF) basic flow. <p>A2: Change password</p> <ol style="list-style-type: none"> 1. The applicant and staff enter current password, new password and re-enter new password. 2. The applicant and staff click on the change button. 3. The system displays password successfully changed. 4. The use case continues with step 2 in (APPLICANT) & (STAFF) basic flow. <p>A3: Update Staff</p> <ol style="list-style-type: none"> 1. The admin click on the update staff button. 2. The admin search for staff using IC number. 3. The system shows the name & IC number of the staff. 4. The admin click the edit button 5. The admin update the staff's details. 6. The admin click on the update button. 7. The account information successfully updated. 8. The use case continues with step 1 in (ADMIN) basic flow. <p>A4: Update Applicant</p> <ol style="list-style-type: none"> 1. The admin click on the update applicant button. 2. The admin search for applicant using IC number. 3. The system shows the name & IC number of the applicant. 4. The admin click the edit button 5. The admin update the applicant's details. 6. The admin click on the update button. 7. The account information successfully updated. 8. The use case continues with step 1 in (ADMIN) basic flow.
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Exception Flow	Not applicable
Post-Conditions	The applicant and staff profile successfully updated.
Rules	Not applicable
Constraints	Not applicable
Sequence Diagram	Refer Appendix A-3.1: Sequence Diagram – Basic Flow A-3.2: Sequence Diagram – Alternative Flow A-3.3: Sequence Diagram – Alternative Flow A-3.4: Sequence Diagram – Alternative Flow

3.2 External Interface Requirements

3.2.1 User Interfaces

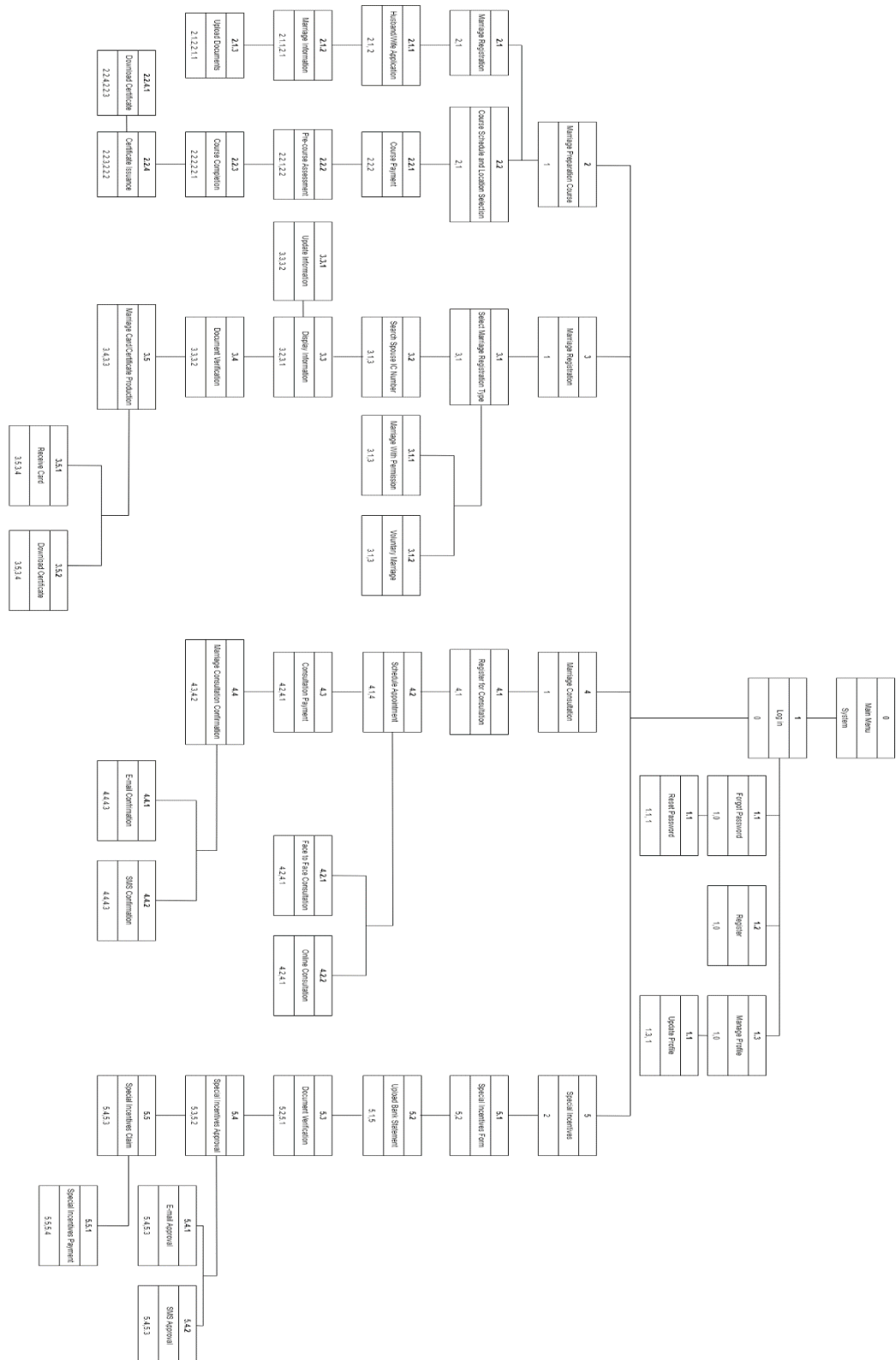


Figure 3.2.1 Dialogue Diagram

Table 4 User Interfaces Description

User Interface	Description	User Interface Layout
Main Page	The main page of the system will have a simple and clean design, with the title "e-Munakahat" prominently displayed, along with its logo. The navigation menu will include options for the user to select their desired service, such as marriage incentive, user guide, marriage, divorce, ruju', and advisor service. On the right side of the interface, users will have the option to log in using their IC number and password. There will also be a button to register as a new user and a button to log in as staff.	Refer Appendix B-1.1
Registration	The registration interface will have the e-Munakahat logo and name prominently displayed at the top of the page. Users will be prompted to enter their IC number, full name, gender, phone number, password, confirm password, and email address. The interface will have clean and simple design, with clear and easy-to-understand instructions for entering the required information. Users will be able to review their entries before clicking on the submit button, once the registration form is completed and submitted, users will receive a confirmation email and/or SMS that the registration was successful.	Refer Appendix B-1.2
Staff Login Page	The staff login interface will have the e-Munakahat logo and name prominently displayed at the top of the page. Admin & Staff members will be prompted to enter their IC number and password in order to log in. The interface will have a clean and simple design, with clear and easy-to-understand instructions for entering the required information. Once the staff member has entered their login credentials and clicked on the submit button, the system will check the credentials and if they match, the Admin & staff member will be logged in to their account.	Refer Appendix B-1.3
Forgot Password	The interface allows users to reset their password by entering their registered email address and sending a reset link. The interface includes a button to go back to the login page.	Refer Appendix B-1.4

Email Verification	The interface allows users to check the email address they have provided for the reset password link sent by the system. The interface will display a message to check the email for the reset link and an option to resend the email if the user did not receive it. Users will be able to click on the link in the email to be directed to the reset password page. There will also be a button to go back to the login page.	Refer Appendix B-1.5
Reset Password	The interface allows users to reset their password by entering a new password and confirming it by entering it again. The interface will have a clean and simple design, with clear and easy-to-understand instructions for entering the new password. There will also be a button labelled "Reset Password" for the user to confirm the password change. The interface will also include a button to go back to the login page. Once the user clicks on the "Reset Password" button, the password will be reset, and the user will be prompted to log in with the new password.	Refer Appendix B-1.6
Password Reset Success	The interface will display a message indicating that the password reset was successful and the user can now log in with the new password. The interface will have a clean and simple design, with clear and easy-to-understand instructions for the user. There will also be a button labelled "Login" for the user to navigate back to the login page, where they can enter their new password and log in to their account.	Refer Appendix B-1.7
User Profile View	The user profile interface will display all the personal information and credentials of the user such as name, IC number, email, phone number, and marital status. Users will have the option to edit their profile, change their password, and reset their password. The interface will have a clean and simple design, with clear and easy-to-understand instructions for the user. On the left side of the interface, users will have the option to access several services such as marriage application, marriage registration, referral application, complaints/advice service, copies of documents, documents correction and log out option. Users will also have the option to save the changes after updating their profile and/or password.	Refer Appendix B-1.8

Admin Homepage	The admin homepage will have a simple and clean design, with the e-Munakahat logo and name prominently displayed on the right side. On the left side, the interface will display the admin's ID, name, access level, and department. The navigation menu will include options for the admin to access and manage different services, such as register staff, marriage approval, nikah registration, divorce registration, advice service, copies of documents, document correction, and log out option. The homepage will also have a button labelled "Learn more" on the right side, that allows the admin to access the user guide of the system.	Refer Appendix B-1.9
Staff Registration	The staff registration interface will allow the admin to register new staff members to the system. The interface will have a clean and simple design, with clear and easy-to-understand instructions for entering the required information. The admin will be prompted to enter the staff member's IC number, full name, email, phone number, role, and gender. There will also be a button labelled "Register" for the admin to confirm the registration. Once the registration is complete, the admin will be able to view and manage the newly registered staff member in the system.	Refer Appendix B-2.0
Search Staff	The search staff interface allows the admin to search for staff to update by entering the IC number of the staff and clicking the search button. Then the system will display the name and IC number of the staff. There will be an option for the admin to edit, delete and print the staff beside the name.	Refer Appendix B-2.1
Update Staff	The update staff profile view interface will display the staff's personal information and credentials such as name, IC number, email, phone number, gender and system role. The admin can edit the staff profile. The interface will have a clean and simple design, with clear and easy-to-understand instructions for the admin. The admin will also have the option to save the changes after updating their profile.	Refer Appendix B-2.2

Search Applicant	The search applicant interface allows the admin to search for applicant to update by entering the IC number of the applicant and clicking the search button. Then the system will display the name and IC number of the applicant. There will be an option for the admin to edit, delete and print the applicant beside the name.	Refer Appendix B-2.3
Update Applicant	The update applicant profile view interface will display the applicant's personal information and credentials such as name, IC number, email, phone number and gender. The admin can edit the staff profile. The interface will have a clean and simple design, with clear and easy-to-understand instructions for the admin. The admin will also have the option to save the changes after updating their profile.	Refer Appendix B-2.4
Staff Homepage	The staff homepage will have a similar design and layout as the admin homepage, but with different options and functionality. On the left side, the interface will display the staff's ID, name, access level, and department. The navigation menu will include options for the staff to access and manage different services, such as marriage application, marriage registration, referral application, complaints/advice service, copies of documents, and log out option. The homepage will also have a button labelled "Learn more" on the right side, that allows the staff to access the user guide of the system. The staff will not have access to the same options as the admin, they will only be able to access the options that corresponds to their role.	Refer Appendix B-2.5
Staff Profile View	The staff profile view interface will display the staff member's personal information and credentials such as name, IC number, email, phone number, access level, and department. The staff will have the option to edit their profile and change their password. The interface will have a clean and simple design, with clear and easy-to-understand instructions for the staff member. The staff will also have the option to save the changes after updating their profile and/or password. The interface will also display the staff member's access level and the options that corresponds to their role.	Refer Appendix B-2.6

3.2.2 Hardware Interface

Not applicable

3.2.3 Software Interface

A web-based platform is used by the system administrator, JAIP staff, Applicant, Advisor and Consultant. For accessing this platform, these users need to use Windows or Mac operating systems. They open this system using web browsers such as Google Chrome, Microsoft Edge, Mozilla Firefox, and Apple's Safari.

4. REQUIREMENT TRACEABILITY

Table 4.1 Requirement traceability for Use Case Manage Registration, Login & Manage Profile

Requirements	Description
UC100-EMUN-2022	Manage Registration (UC101-EMUN-2022) -Enable applicant to create a new account. -Enable admin to register an account for the staff.
	Login (UC102-EMUN-2022) - Enable users to login with their existing, registered account.
	Manage Profile (UC103-EMUN-2022) -Enable applicant & staff to manage their own profile. -Enable admin to update the staff and applicant profiles.

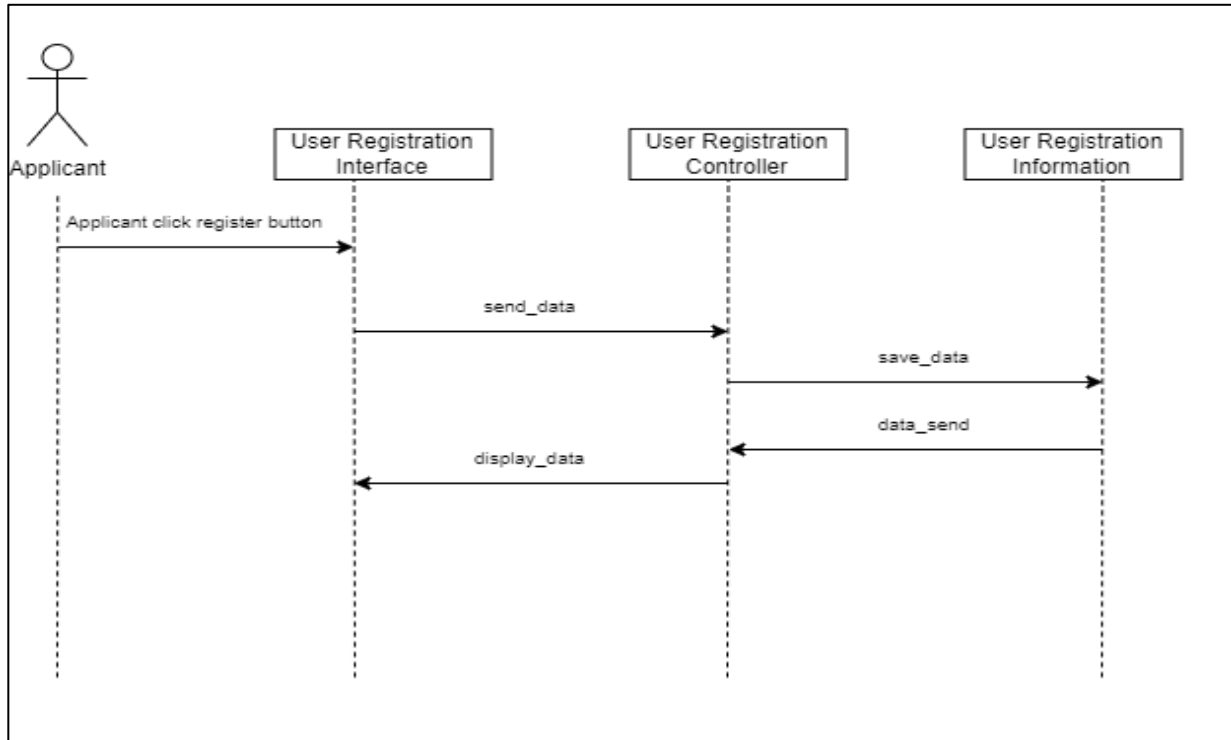
5. ACRONYMS AND ABBREVIATION

Table 5.1 Acronyms and abbreviation of E-munakahat System SRS documents.

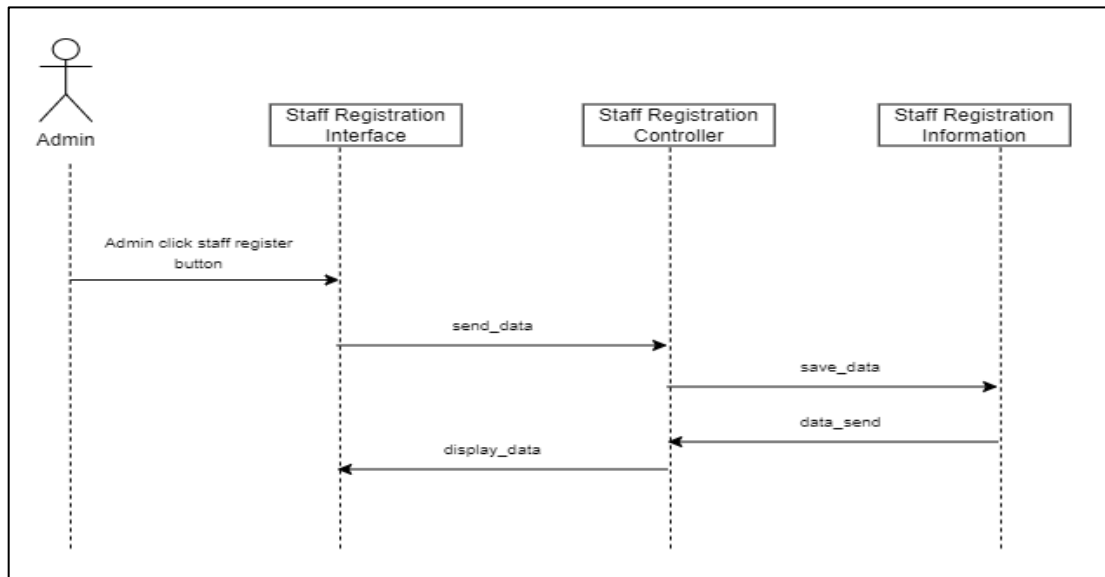
Acronyms and Abbreviation	Meanings
EMUN	E- munakahat System
SRS	Software Requirement Specification
UC	Use Case
JAIP	Jabatan Agama Islam negeri Pahang
IC	Identification Card
JAIP	Jabatan Agama Islam negeri Pahang
PSG	Pahang State Goverment

APPENDIX A

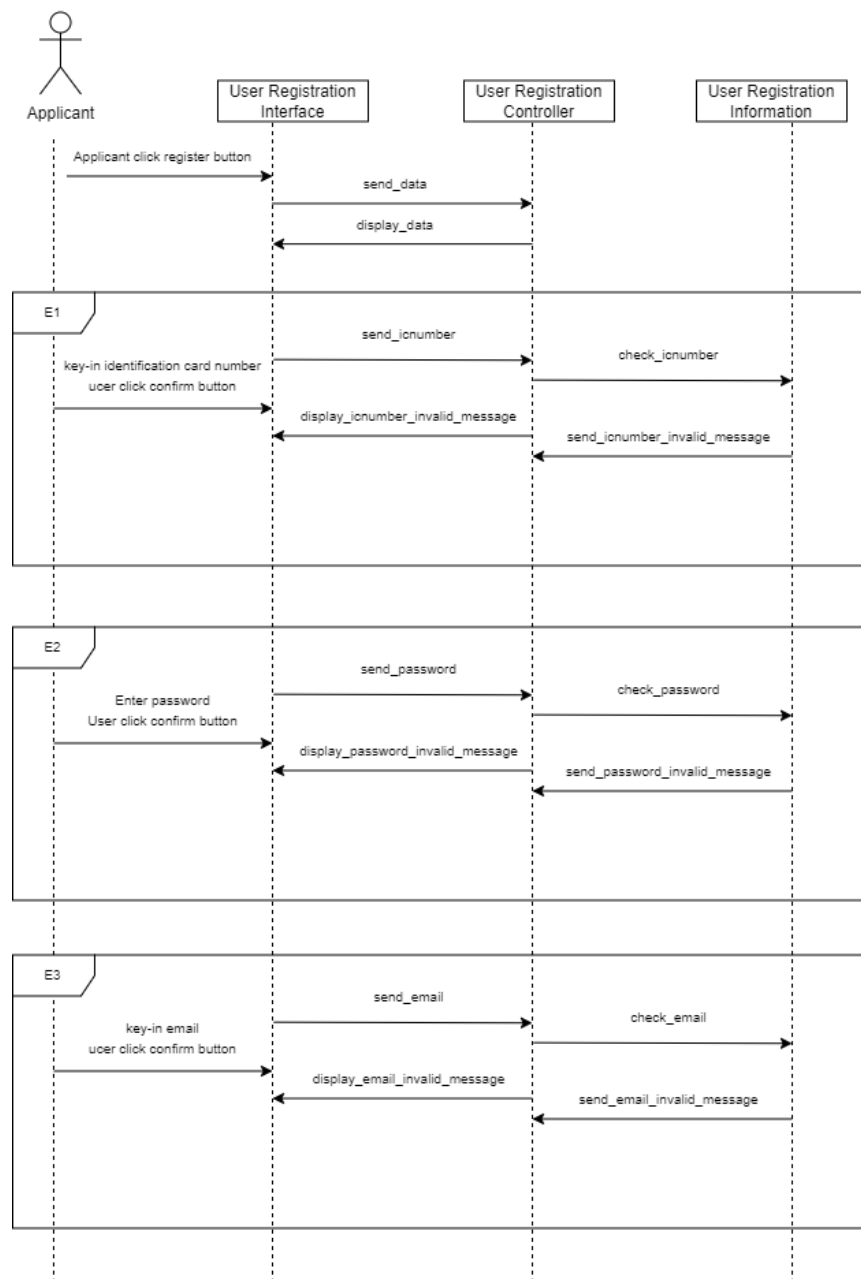
Sequence Diagram



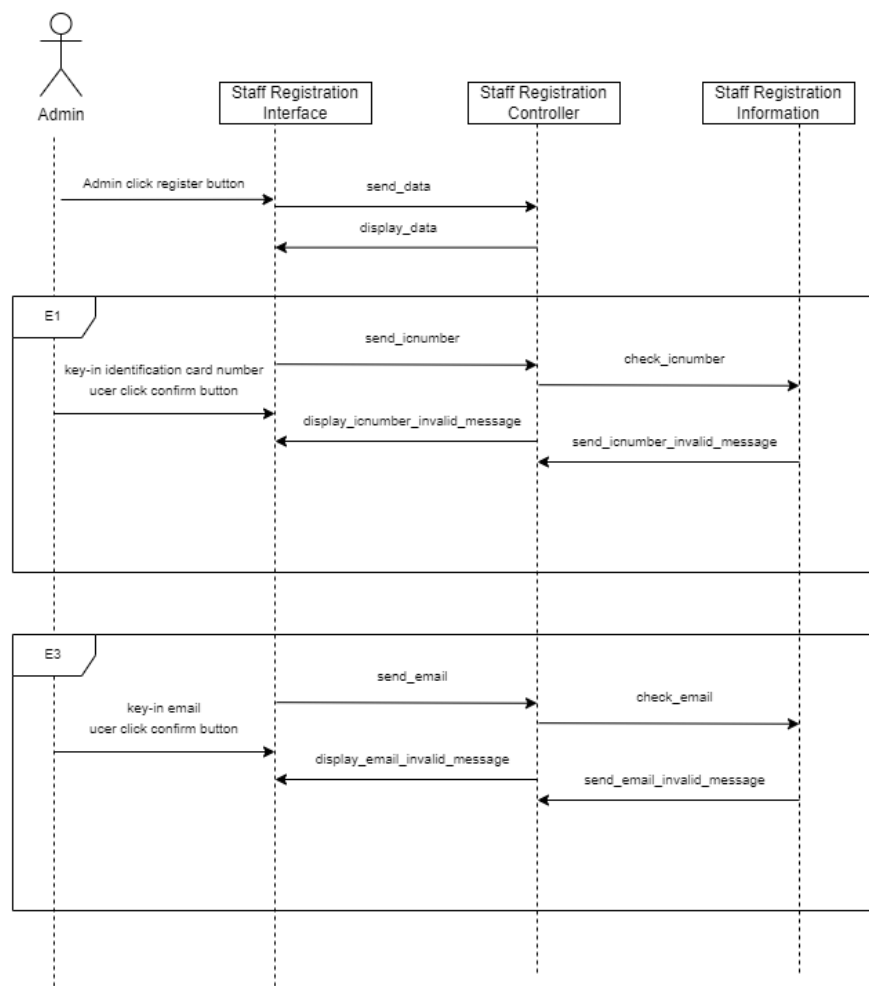
A-1.1: Sequence Diagram – Basic Flow (Applicant)



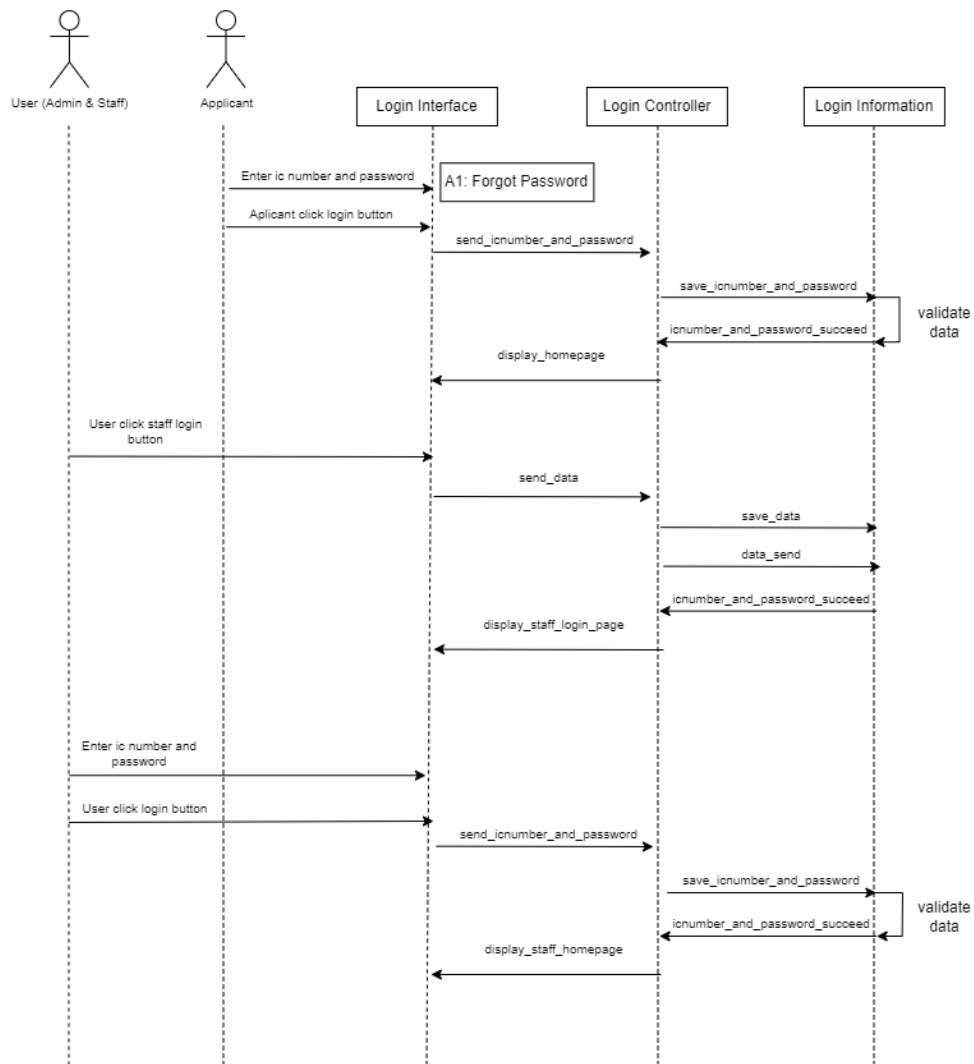
A-1.2: Sequence Diagram – Basic Flow (Admin)



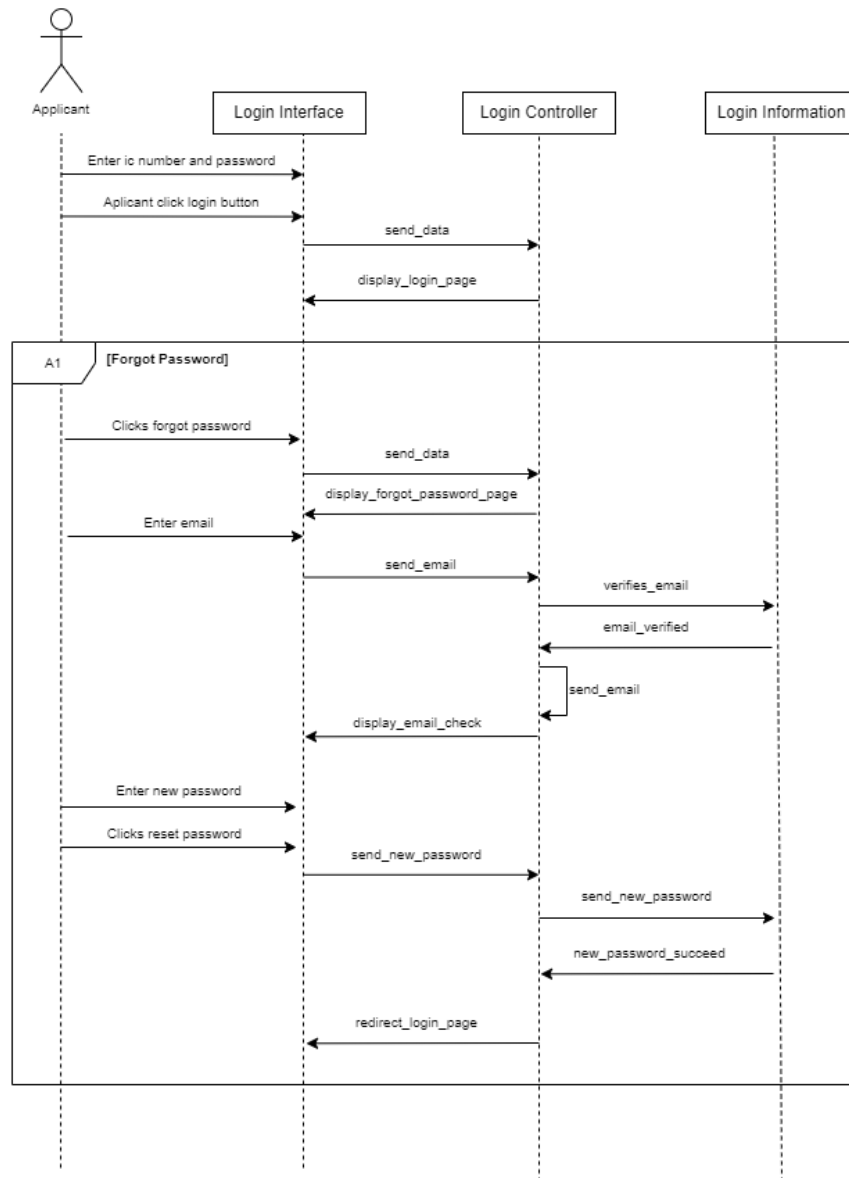
A-1.3: Sequence Diagram – Exception Flow (Applicant)



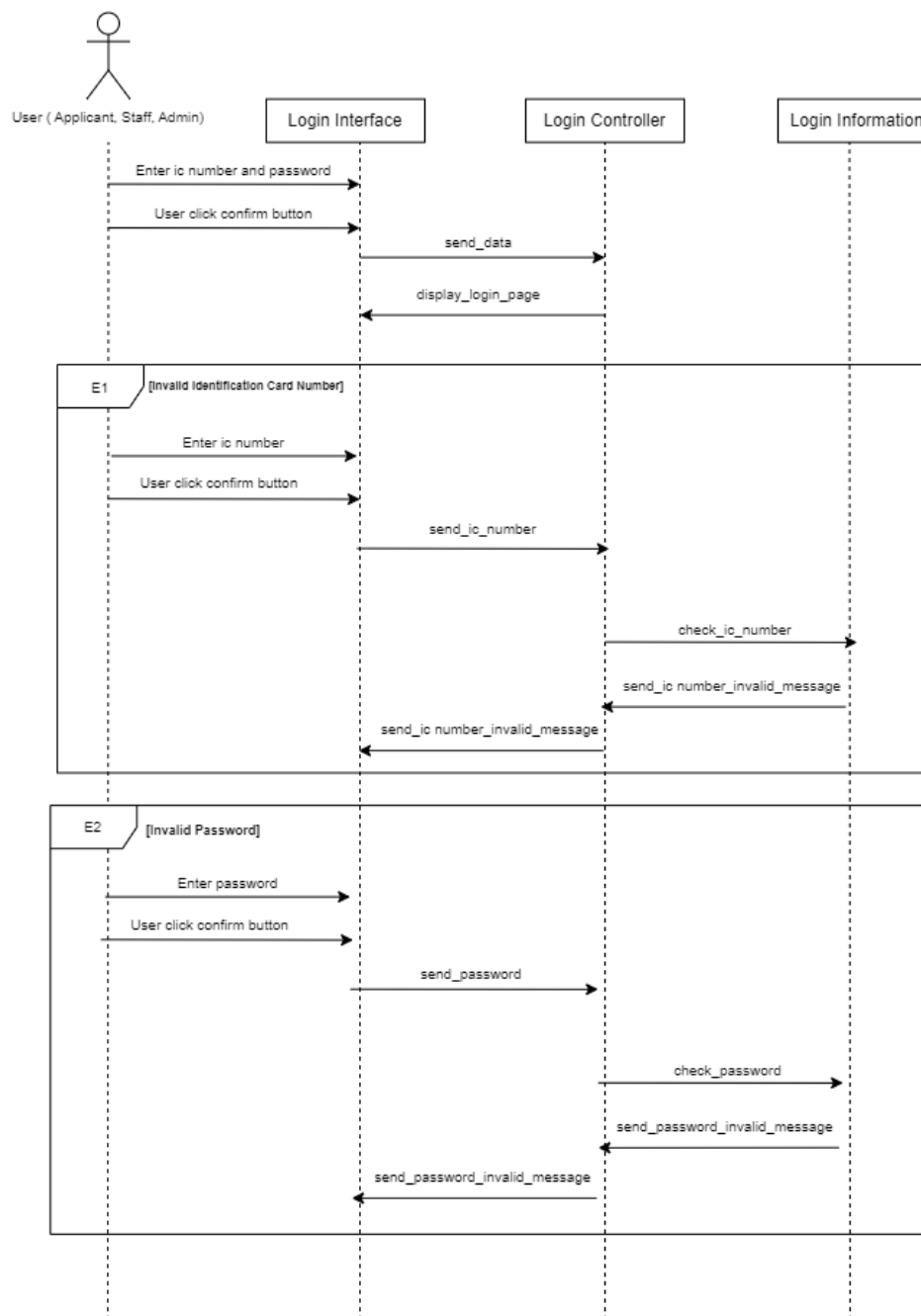
A-1.4: Sequence Diagram – Exception Flow (Admin)



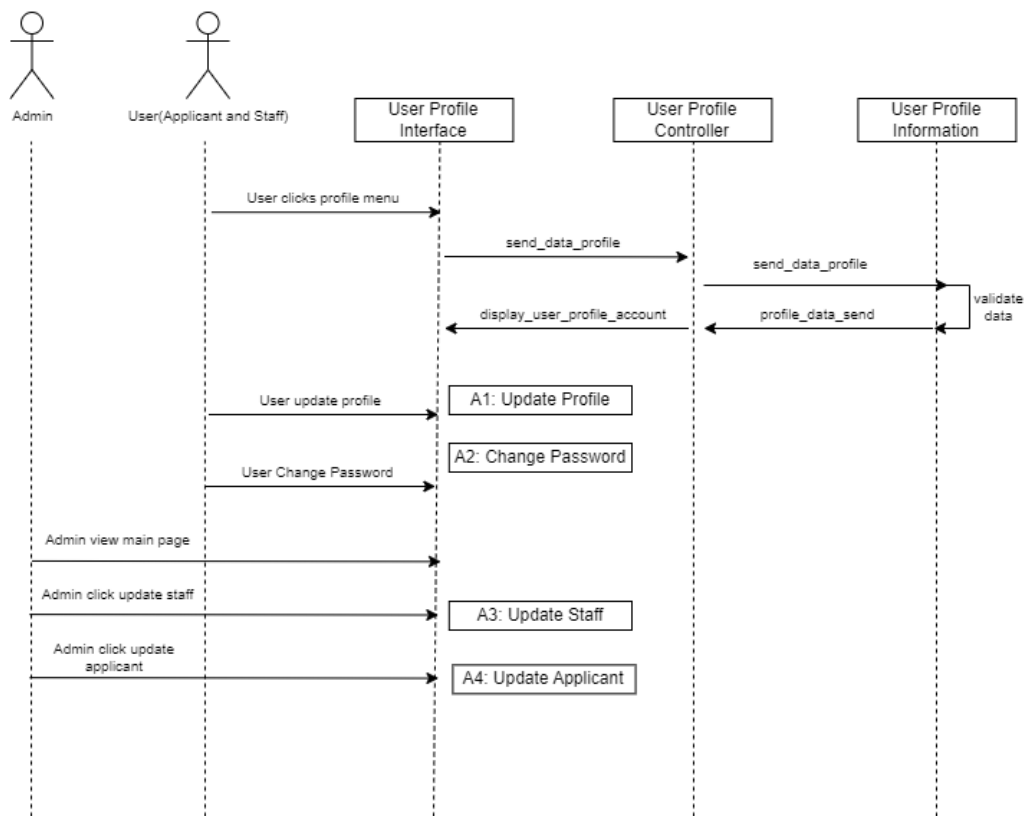
A-2.1: Sequence Diagram –Basic Flow (Admin, Applicant & Staff)



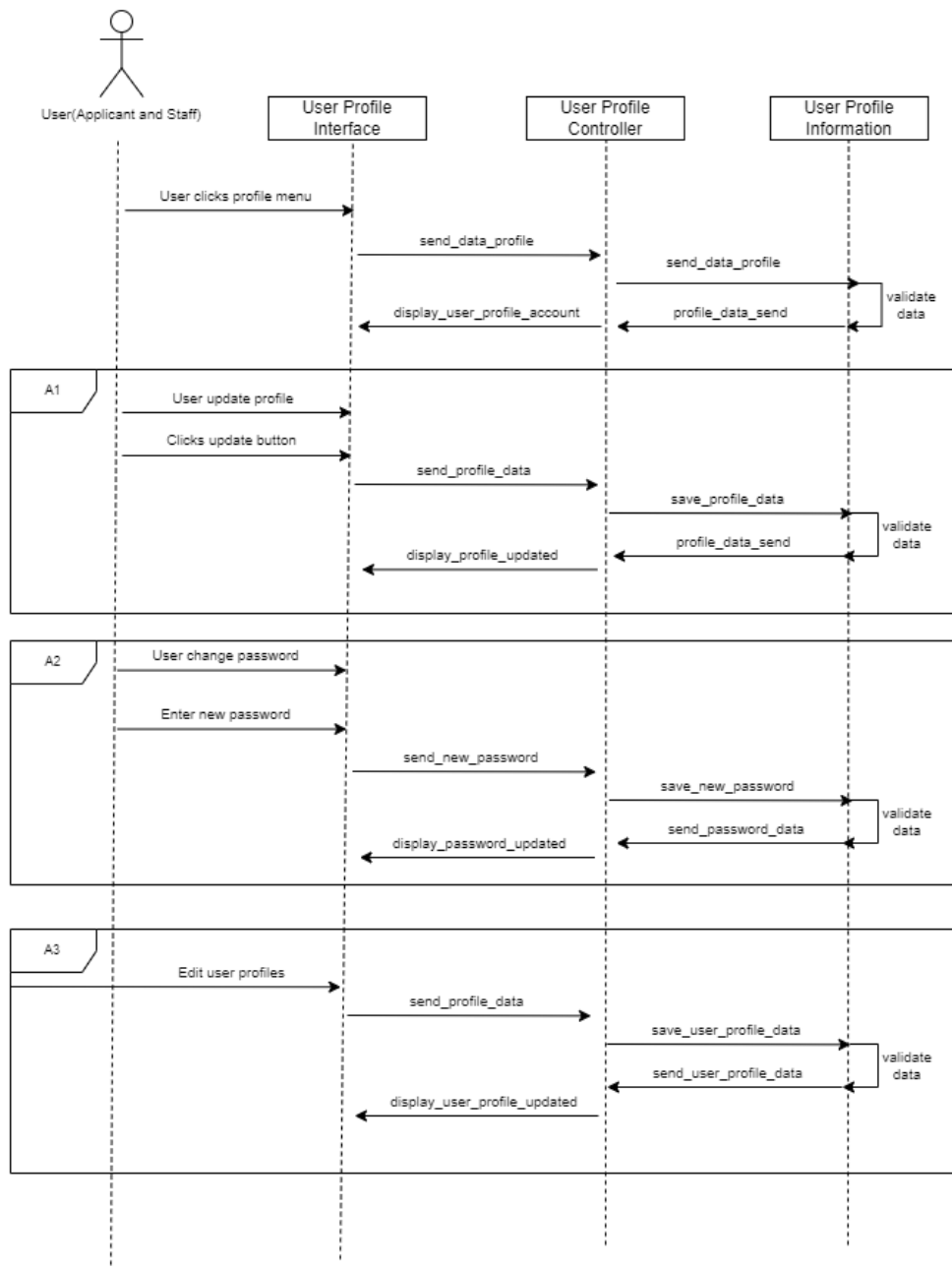
A-2.2: Sequence Diagram –Alternative Flow (Applicant)



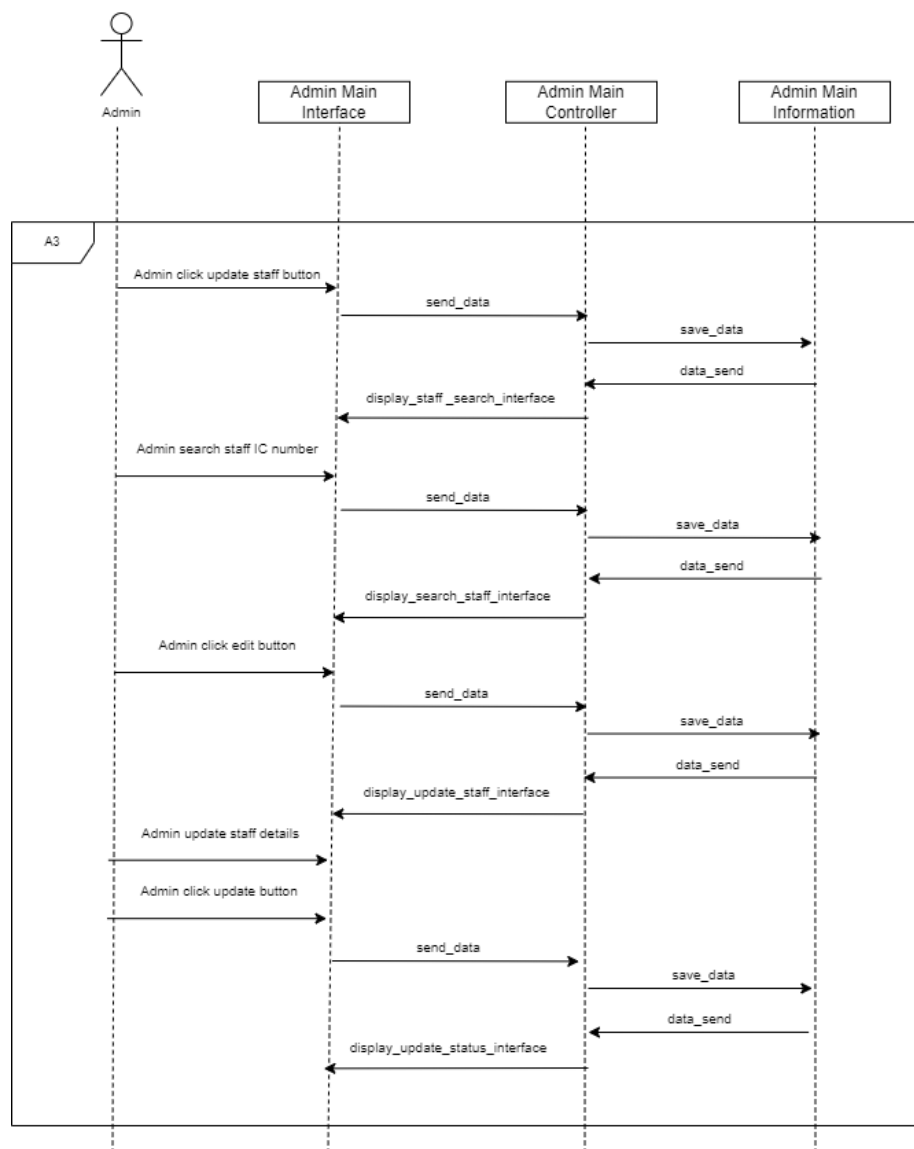
A-2.3: Sequence Diagram –Exception Flow (Admin, Applicant & Staff)



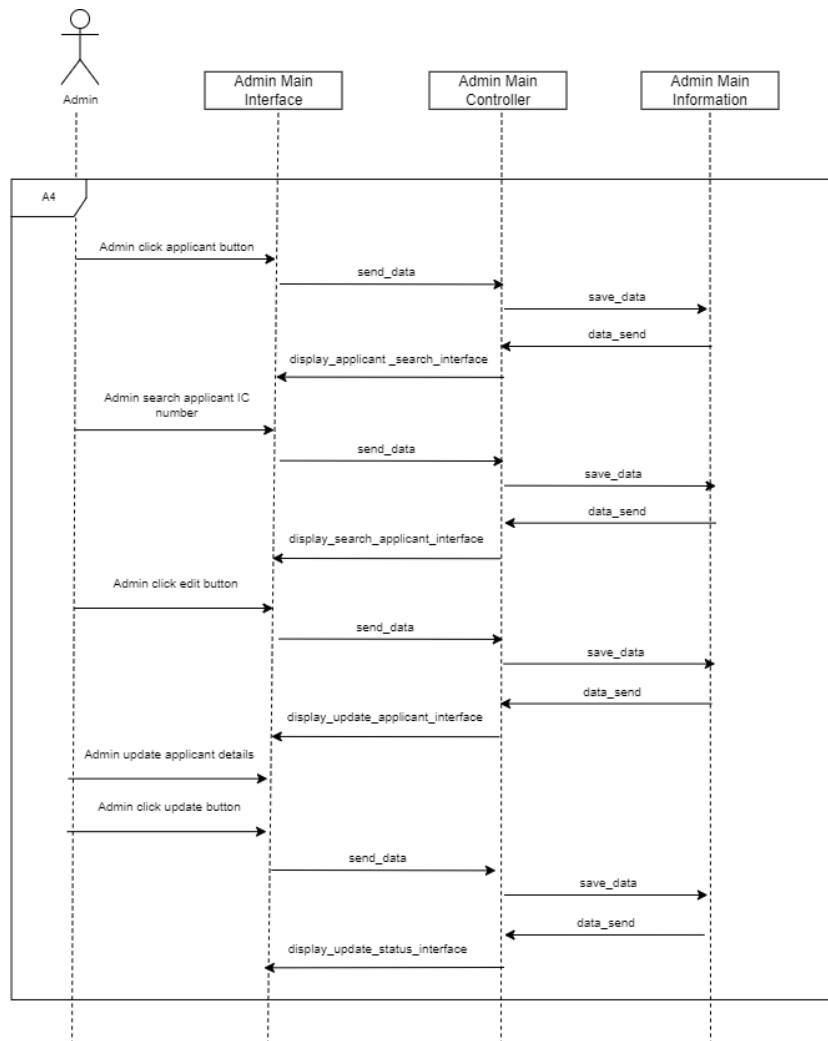
A-3.1: Sequence Diagram –Basic Flow (Admin, Applicant & Staff)



A-3.2: Sequence Diagram –Alternative Flow (Applicant & Staff)



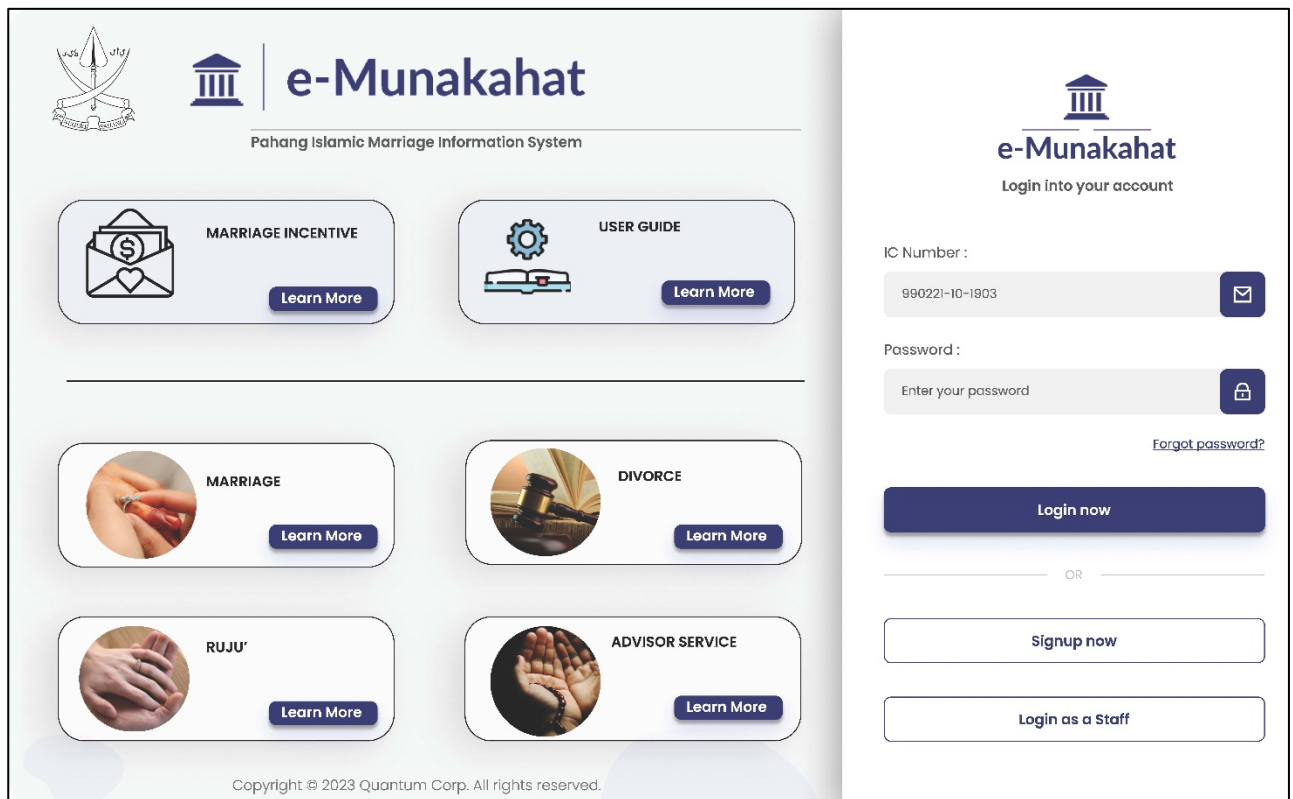
A-3.3: Sequence Diagram –Alternative Flow (Admin)



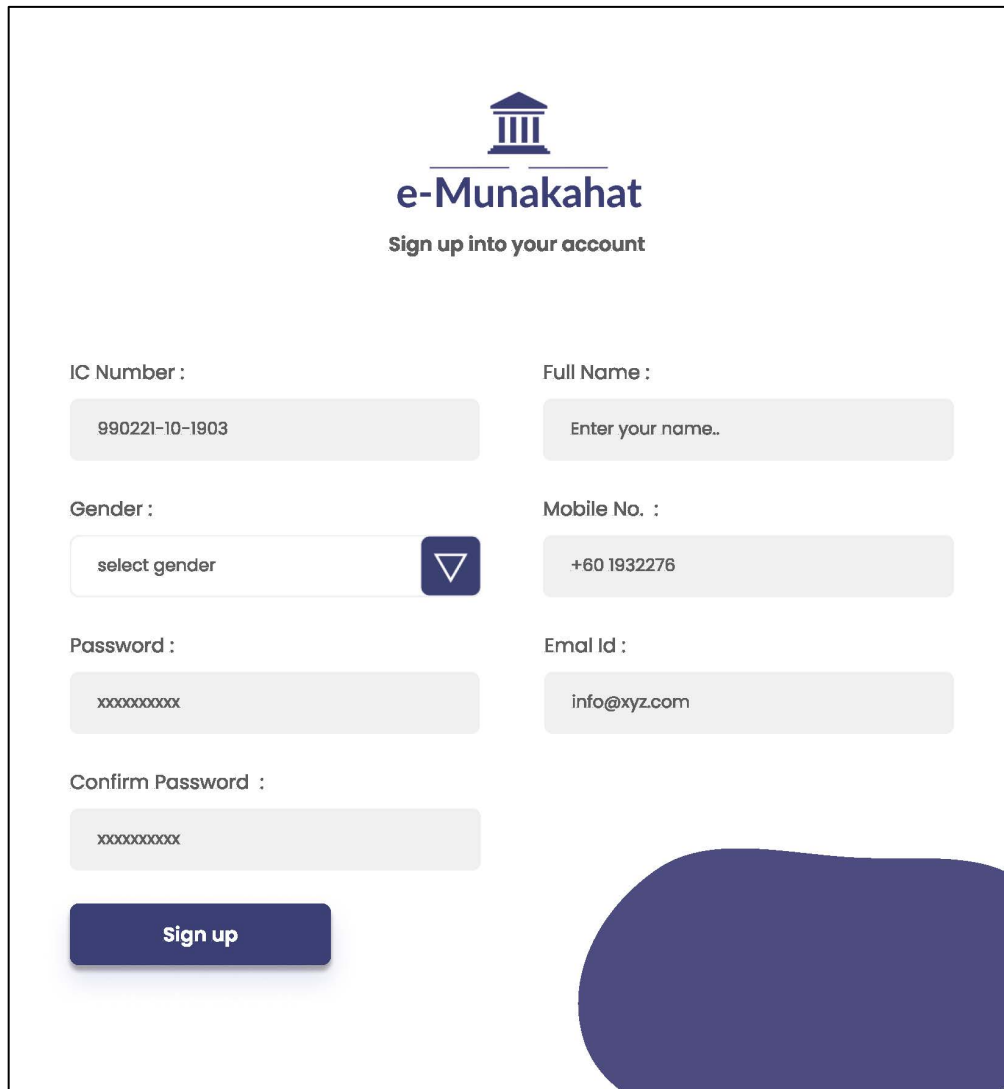
A-3.4: Sequence Diagram –Alternative Flow (Admin)

APPENDIX B

User Interfaces



B-1.1: User Interface – Main Page Interface



The image shows a registration form for 'e-Munakahat'. At the top, there is a logo of a classical building with columns, followed by the text 'e-Munakahat' and 'Sign up into your account'. The form consists of several input fields arranged in two columns. The left column contains fields for 'IC Number' (with the value '990221-10-1903'), 'Gender' (a dropdown menu showing 'select gender'), 'Password' (with masked characters 'xxxxxxxx'), and 'Confirm Password' (also with masked characters). The right column contains fields for 'Full Name' (with the placeholder 'Enter your name..'), 'Mobile No.' (with the value '+60 1932276'), and 'Email Id' (with the value 'info@xyz.com'). A dark blue 'Sign up' button is located at the bottom left of the form area. A large, dark blue, irregular shape is positioned at the bottom right of the form area.

e-Munakahat
Sign up into your account

IC Number :
990221-10-1903

Full Name :
Enter your name..

Gender :
select gender

Mobile No. :
+60 1932276

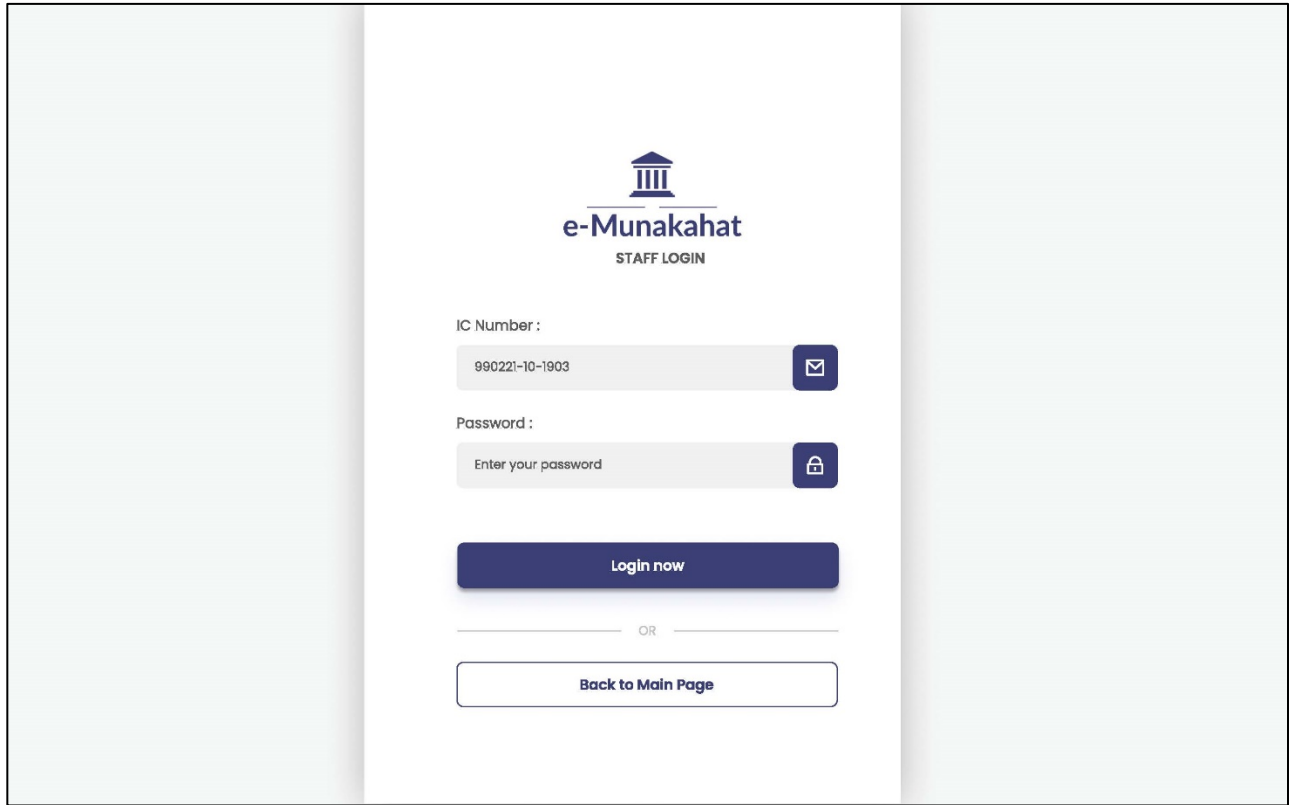
Password :
xxxxxxxx

Email Id :
info@xyz.com

Confirm Password :
xxxxxxxx

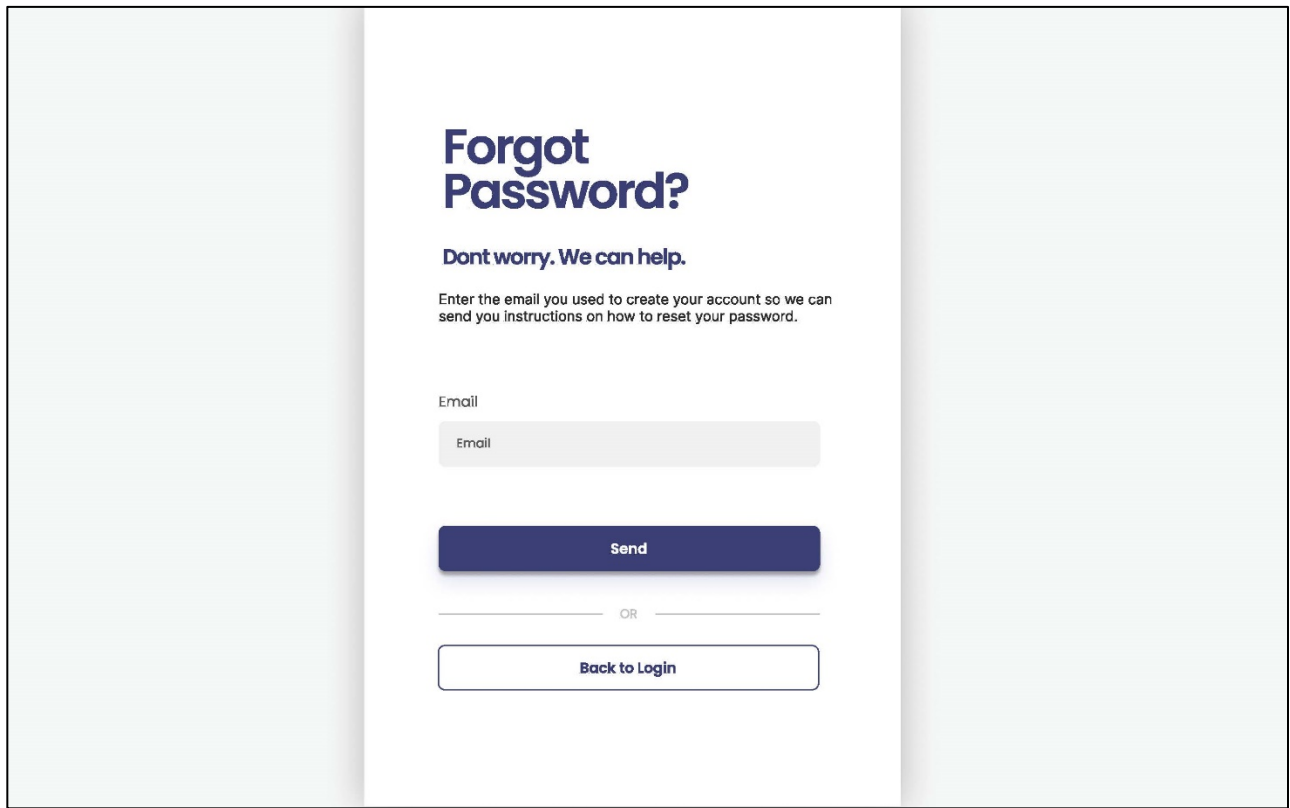
Sign up

B-1.2: User Interface – Registration Interface



The image shows a web interface for staff login. At the top center is a logo consisting of a blue icon of a building with columns, followed by the text "e-Munakahat" in a bold, dark blue font, and "STAFF LOGIN" in a smaller, dark blue font below it. Below the logo, there are two input fields. The first is labeled "IC Number :" and contains the text "990221-10-1903". To the right of this field is a blue button with a white envelope icon. The second input field is labeled "Password :" and contains the placeholder text "Enter your password". To the right of this field is a blue button with a white padlock icon. Below these fields is a large, dark blue button with the text "Login now" in white. Below this button is a horizontal line with the word "OR" in the center. At the bottom is a white button with a thin blue border and the text "Back to Main Page" in blue.

B-1.3: User Interface – Staff Login Interface



The image shows a 'Forgot Password?' interface. It features a central white panel with a dark blue header 'Forgot Password?'. Below the header, a sub-header reads 'Dont worry. We can help.' followed by a paragraph: 'Enter the email you used to create your account so we can send you instructions on how to reset your password.' There is an 'Email' label above a light gray input field. Below the input field is a dark blue 'Send' button. A horizontal line with 'OR' in the center separates the 'Send' button from a white 'Back to Login' button with a dark blue border. The entire interface is set against a light gray background with vertical shadows on the sides.

Forgot Password?

Dont worry. We can help.

Enter the email you used to create your account so we can send you instructions on how to reset your password.

Email

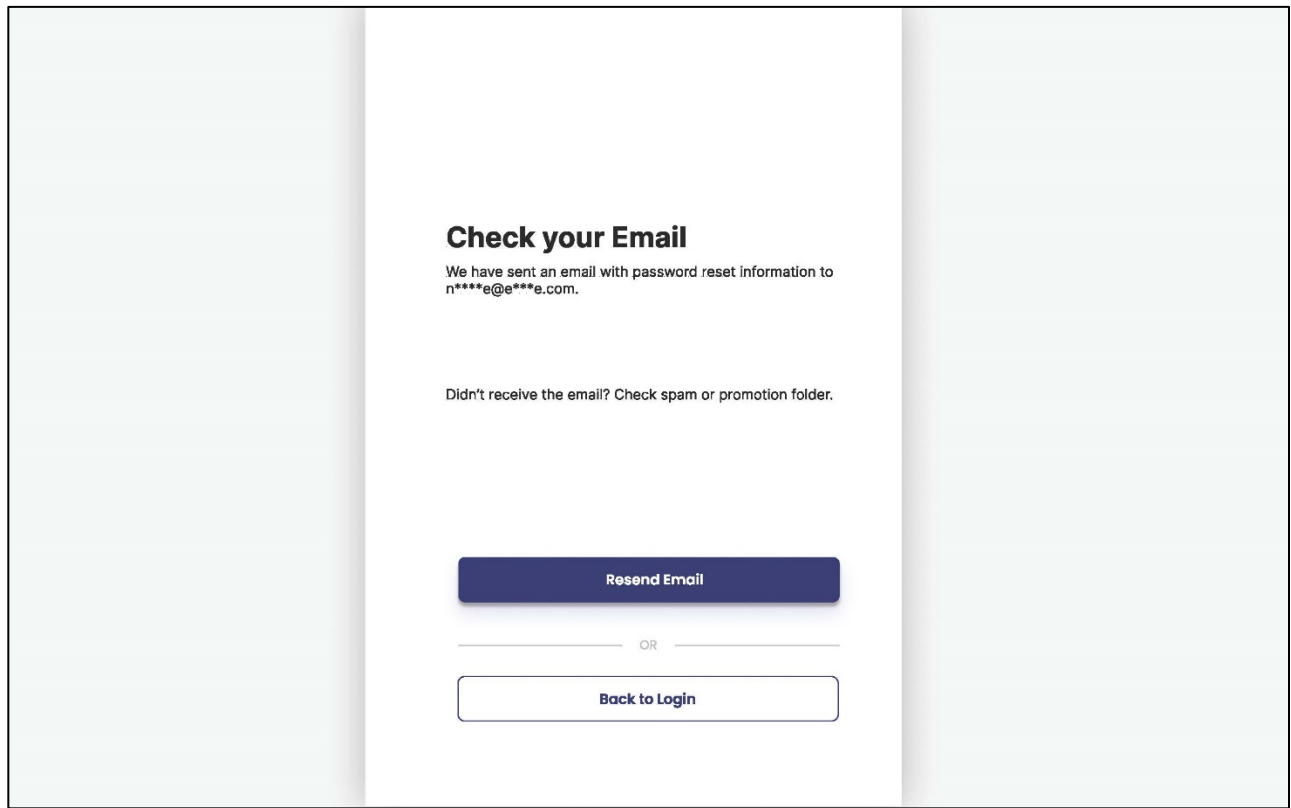
Email

Send

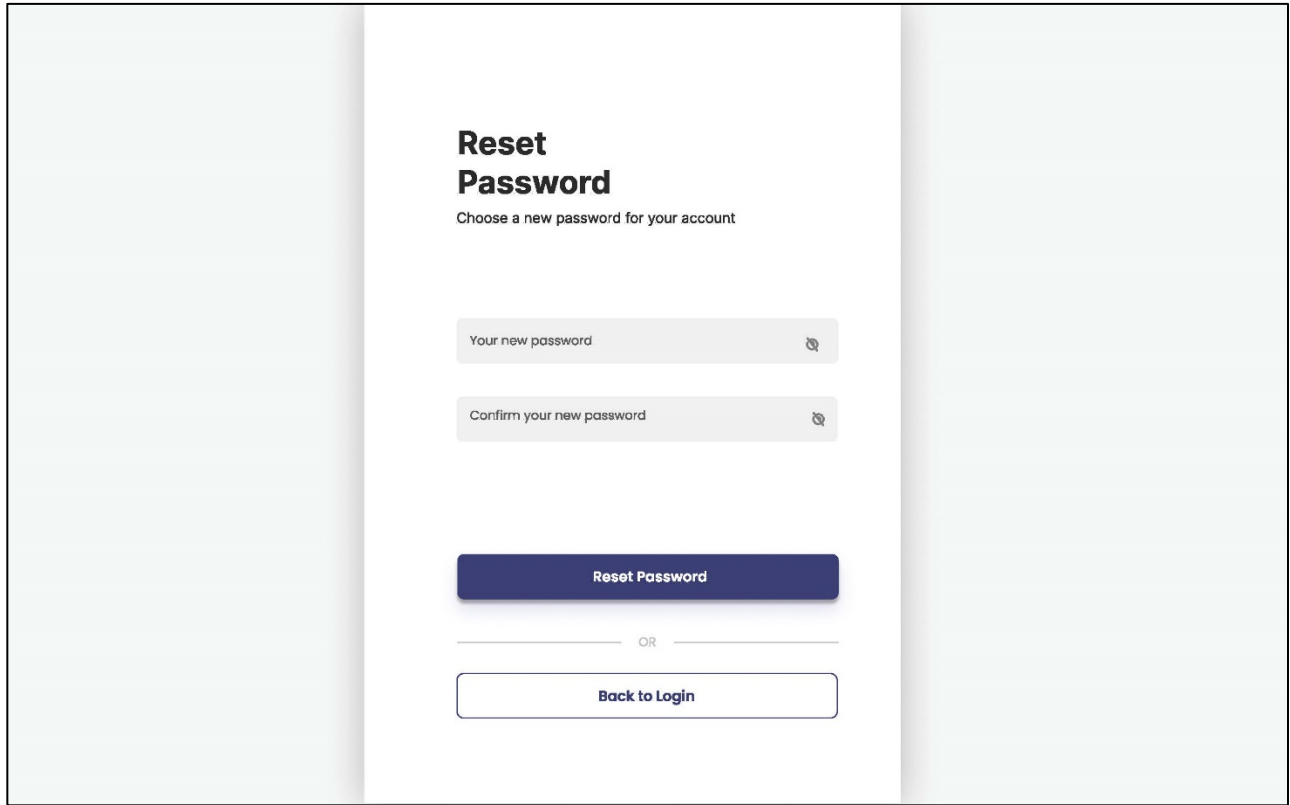
OR

Back to Login

B-1.4: User Interface – Forgot Password Interface



B-1.5: User Interface – Email Verification Interface



The image shows a 'Reset Password' user interface. It features a central white card on a light gray background. The card has the title 'Reset Password' in bold, followed by the instruction 'Choose a new password for your account'. There are two input fields: 'Your new password' and 'Confirm your new password', both with toggle icons on the right. Below these is a dark blue 'Reset Password' button. A horizontal line with 'OR' in the center separates this from a white 'Back to Login' button.

Reset Password
Choose a new password for your account

Your new password

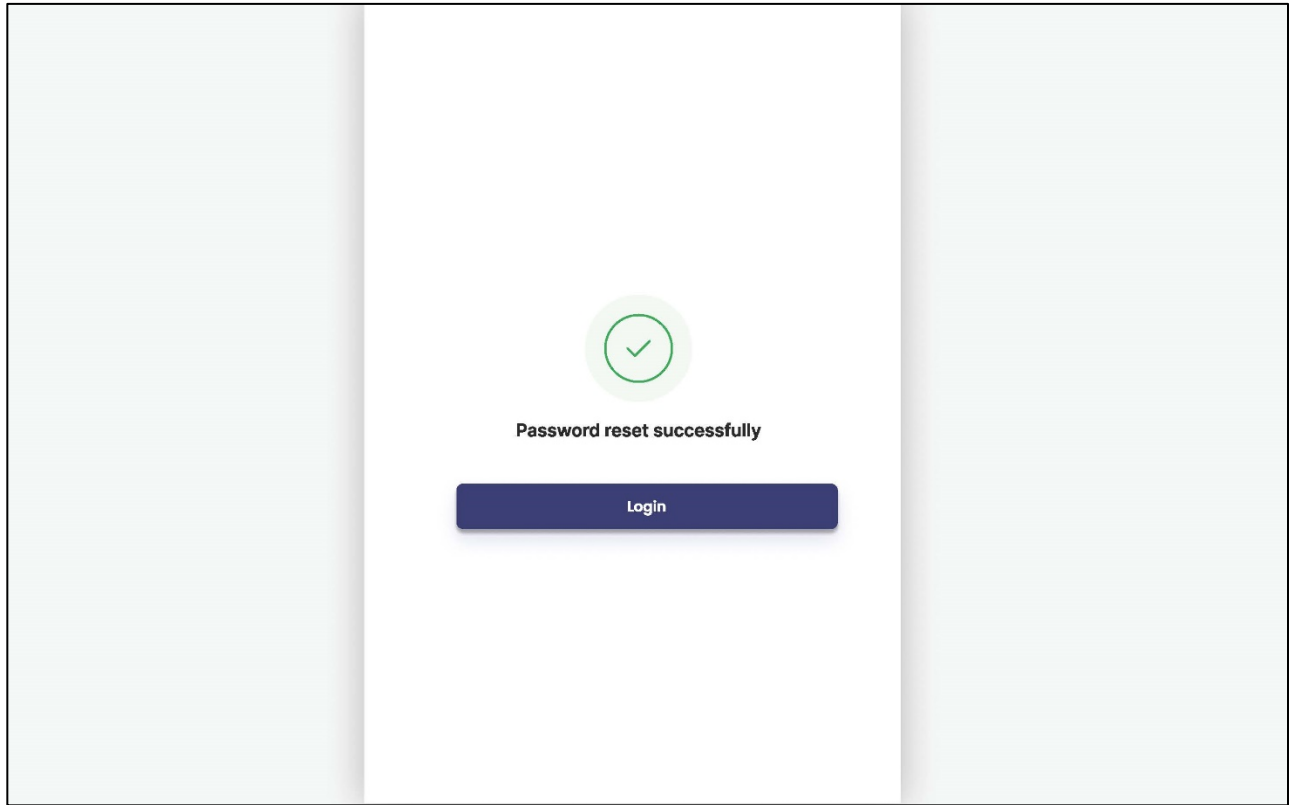
Confirm your new password

Reset Password


OR

Back to Login

B-1.6: User Interface – Reset Password Interface



B-1.7: User Interface – Password Reset Successful Interface

**e-Munakahat**
Pahang Islamic Marriage Information System

No. IC	990803105573
No	0192382001001

Profile

Marriage Application

Marriage Registration

Referral Application

Complaints / Advice Service

Copies of Documents

Document Correction

Log Out

Profile

IC Number :
990221-10-1903

Phone Number :
0123456789

Gender :
Male

Full Name :
John Doe

Phone Number :
0123456789

Email Id :
info@xyz.com

Update

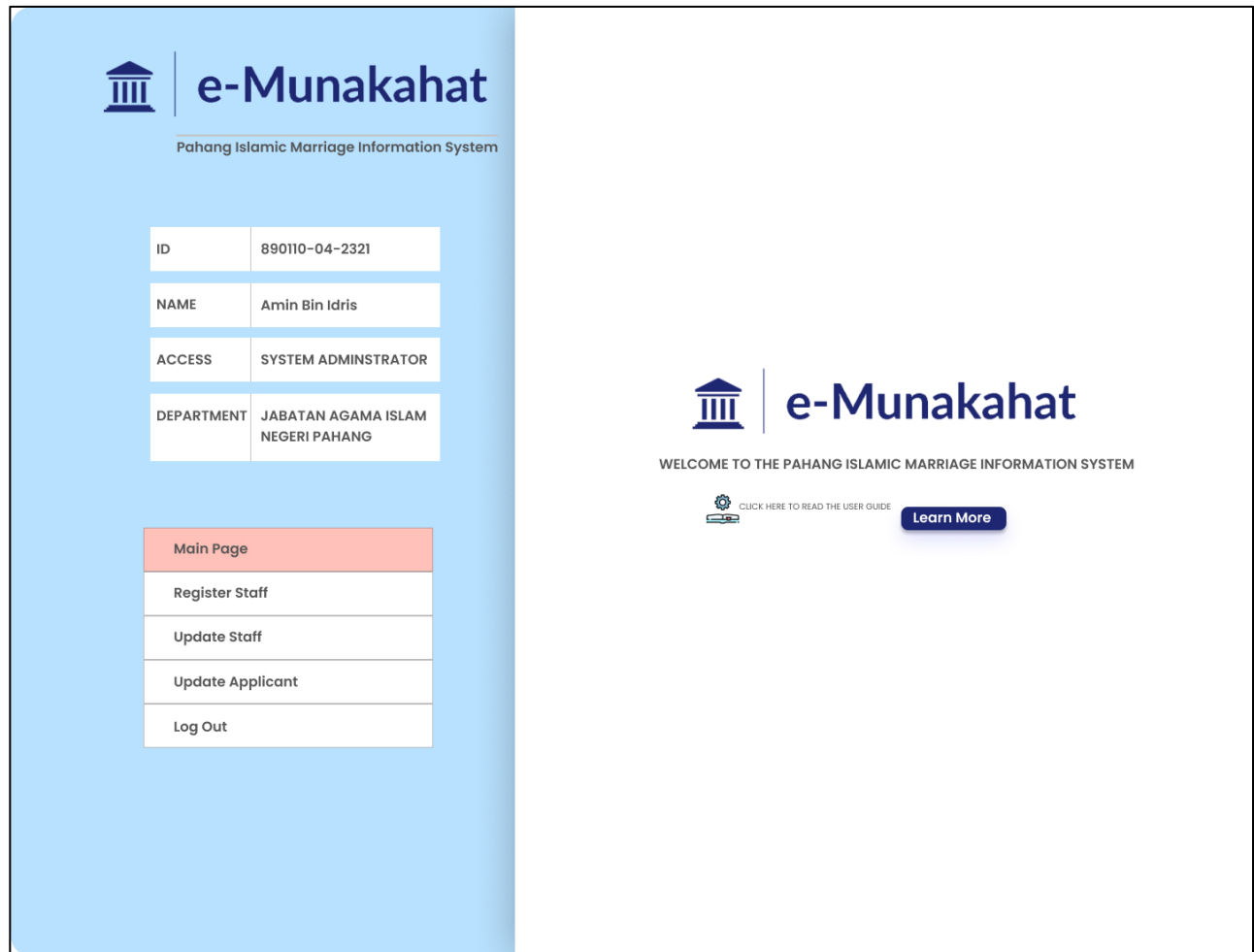
Current Password :
xxxxxxxxxx

New Password :
xxxxxxxxxx


Re-enter New Password :
xxxxxxxxxx

Change Password

B-1.8: User Interface – User Profile Interface



B-1.9: User Interface – Admin Homepage Interface

**e-Munakahat**
Pahang Islamic Marriage Information System

[Main Page](#)
[Register Staff](#)
[Update Staff](#)
[Update Applicant](#)
[Log Out](#)

REGISTER STAFF

IC Number :
990221-10-1903

Full Name :
Aiman

Email Id :
info@xyz.com


Mobile No. :
+60 19322763

Role :
REGISTRATION STAFF

Gender :
MALE

REGISTER

B-2.0: User Interface Staff Registration Interface



e-Munakahat

Pahang Islamic Marriage Information System


ID	admin
NAME	SYSTEM ADMINISTRATOR
ACCESS	SYSTEM ADMINISTRATOR
DEPARTMENT	JABATAN AGAMA ISLAM NEGERI PAHANG

Main Page
Register Staff
Update Staff
Update Applicant
Log Out

Staff IC Number :

No.	Staff IC No / Name	Action
1.	990221-10-1908 MOHAMED YUNOS BIN MAN	Edit Delete Print

B-2.1: User Interface –Search Staff Interface



e-Munakahat

Pahang Islamic Marriage Information System

ID	admin
NAME	SYSTEM ADMINISTRATOR
ACCESS	SYSTEM ADMINISTRATOR
DEPARTMENT	JABATAN AGAMA ISLAM NEGERI PAHANG

Main Page

Register Staff

Update Staff

Update Applicant

Log Out

Staff Profile

IC Number :

990221-10-1908

Phone Number : Gender :

0123456789 MALE

Full Name :

MOHAMED YUNOS BIN MAN

Email Id :


info@xyz.com

Role :

REGISTRATION STAFF

Update

B-2.2: User Interface –Update Staff Interface



e-Munakahat

Pahang Islamic Marriage Information System

ID	admin
NAME	SYSTEM ADMINISTRATOR
ACCESS	SYSTEM ADMINISTRATOR
DEPARTMENT	JABATAN AGAMA ISLAM NEGERI PAHANG

Main Page

Register Staff

Update Staff

Update Applicant

Log Out


Applicant IC Number :

920321-10-1908

Search

No.	Applicant IC No / Name	Action
1.	920321-10-1908 ABU BAKAR BIN AHMAD	Edit Delete Print

B-2.3: User Interface –Search Applicant Interface



e-Munakahat

Pahang Islamic Marriage Information System

ID	admin
NAME	SYSTEM ADMINISTRATOR
ACCESS	SYSTEM ADMINISTRATOR
DEPARTMENT	JABATAN AGAMA ISLAM NEGERI PAHANG

Main Page

Register Staff

Update Staff

Update Applicant

Log Out

Applicant Profile

IC Number :
920321-10-1908

Phone Number :
0123456789

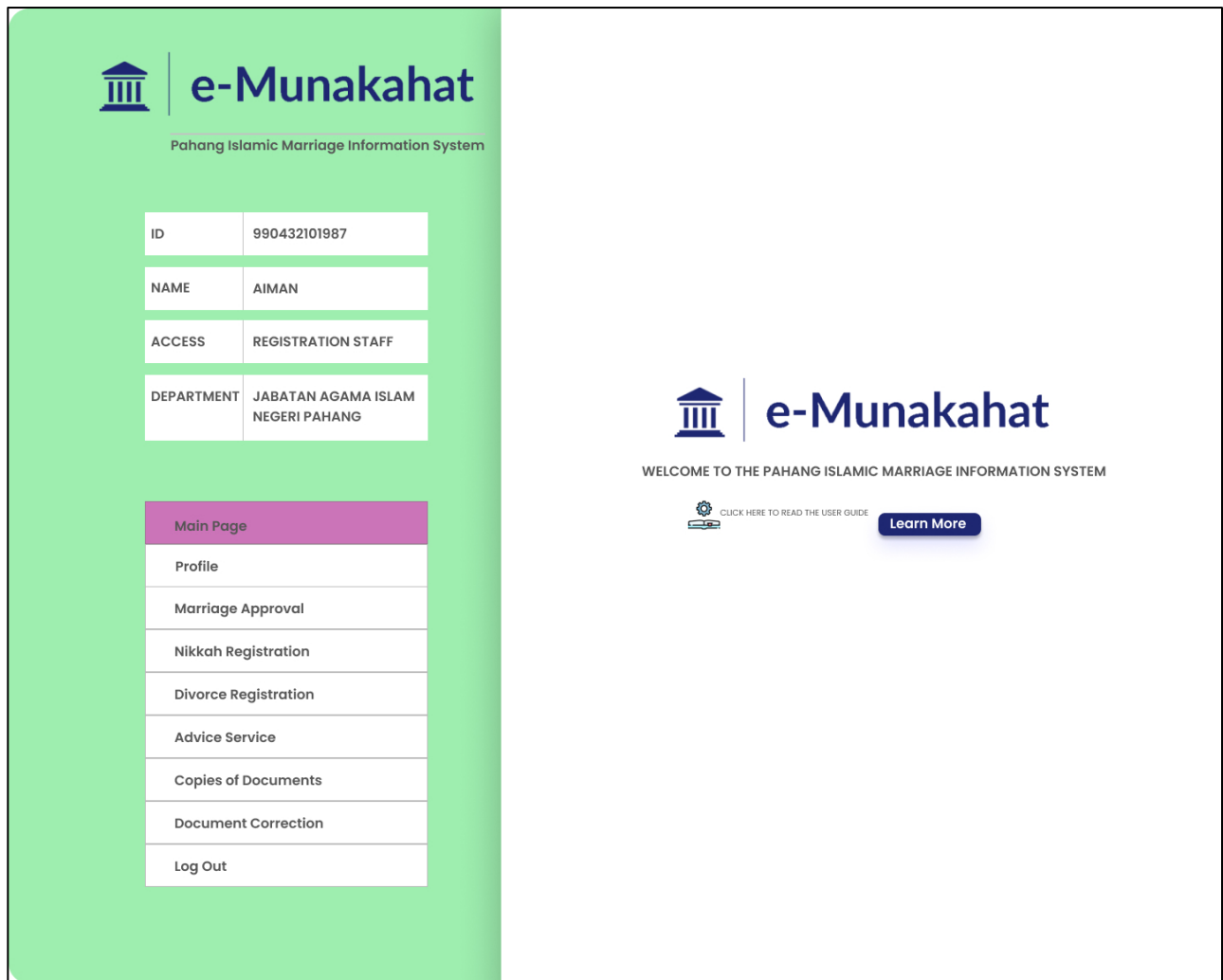
Gender :
MALE

Full Name :
ABU BAKAR BIN AHMAD


Email Id :
info@xyz.com

Update

B-2.4: User Interface – Update Applicant Interface



B-2.5: User Interface –Staff Homepage Interface


e-Munakahat
 Pahang Islamic Marriage Information System

ID	990432101987
NAME	AIMAN
ACCESS	REGISTRATION STAFF
DEPARTMENT	JABATAN AGAMA ISLAM NEGERI PAHANG

Main Page
Profile
 Marriage Approval
 Nikkah Registration
 Divorce Registration
 Advice Service
 Copies of Documents
 Document Correction
 Log Out

Profile

IC Number :

990221-10-1903

Phone Number : Gender :

0123456789 Male

Full Name :

Aiman

Email Id :

info@xyz.com

Update

Current Password :

xxxxxxxxxx

New Password :

xxxxxxxxxx

Re-enter New Password :

xxxxxxxxxx

Change Password

B-2.6: User Interface –Staff Profile Interface