

**Mentor Appointment Scheduling Application**

**Software Requirement Specification**

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[1. <<Feature Name 1>> 6](#_heading=h.tyjcwt)

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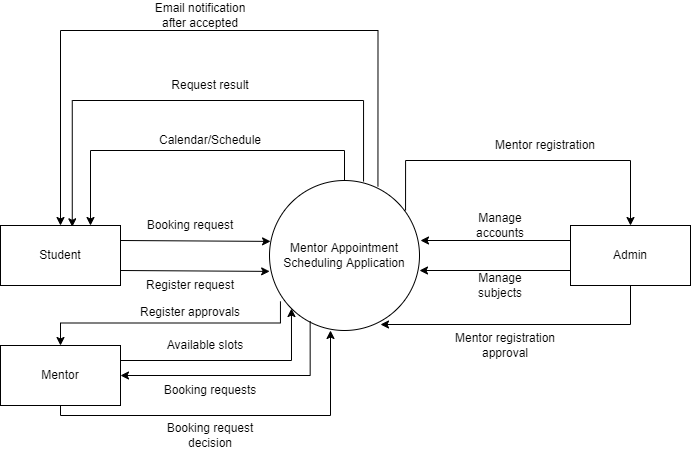
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# I. Overview

## 1. Introduction

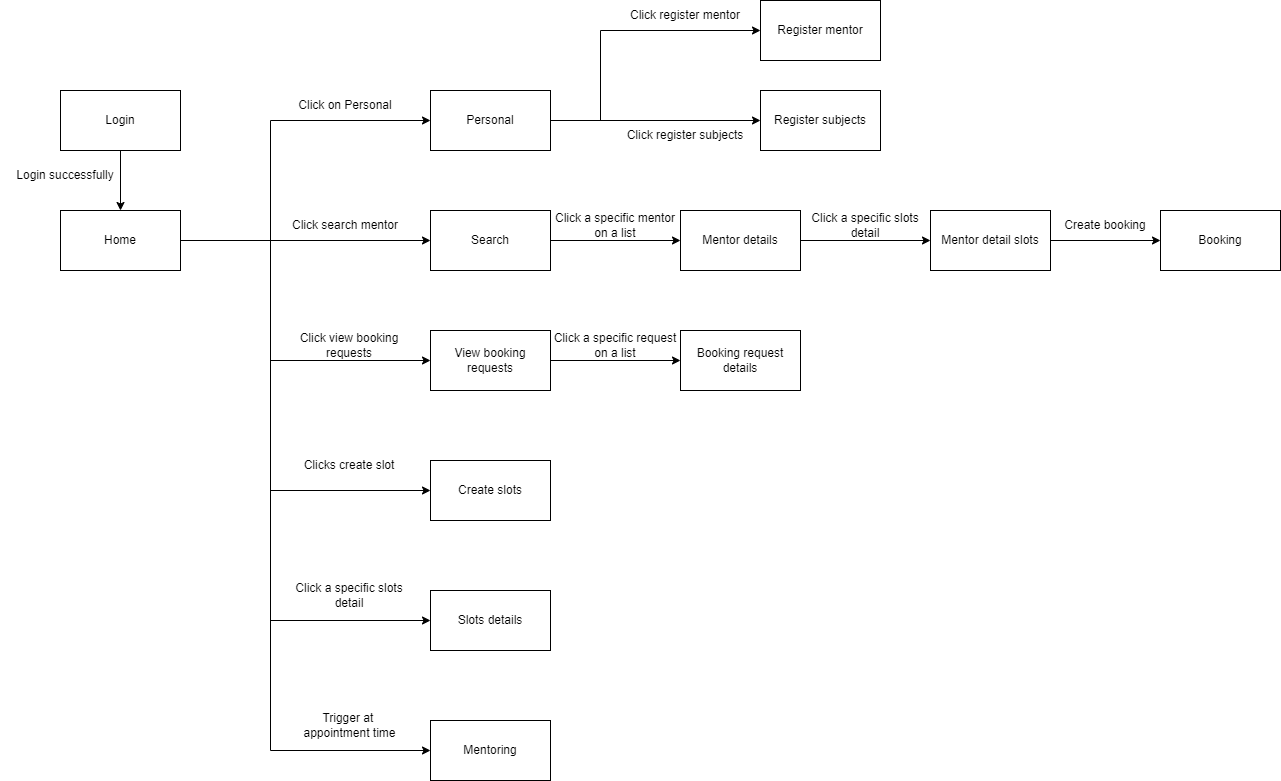
The Mentor Appointment Scheduling Application - MAS Application is a software system that helps the student who has problems with studying or career paths can make an appointment online with a mentor to ask for and retrieve advice from the mentor. This system is expected to help students improve their study quality and clarity in their career paths.

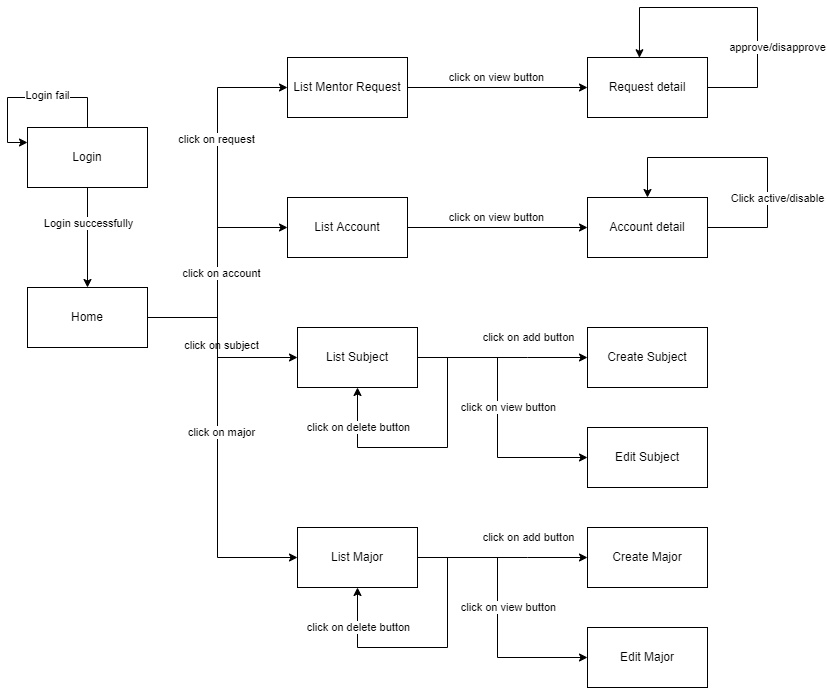


## 2. System Functions

#### a. Screen Flow

* User MAS web application screen flow:



* Admin MAS web application screen flow:

#### b. Screen Details

* User MAS web application screen details:

| **#** | **Feature** | **Screen** | **Description** |
| --- | --- | --- | --- |
| 1 | Login with Google | Login with Google | User login into MAS web application with Google account |
| 2 | View Schedule | Home | View schedule of the user of the current week to the next 3 weeks. |
| 3 | View Profile | Personal | View own student or mentor profile |
| 4 | Search Mentor | Home | Search mentor by name or by subject |
| 5 | View Mentor profile and available slot | Mentor details | View mentor available slots and mentor detail profile |
| 6 | View slot in detail | Mentor slot details | View details available slot. |
| 7 | Booking | Booking | Create a booking request and send it to mentor |
| 8 | View Booking Request | View booking requests | View booking request to available slots |
| 9 | Accept request | View booking requests | Accept a request to available slots |
| 10 | Deny request | View booking requests | Deny a request to available slots |
| 11 | Create available slot | Create available slot page | Create an new available slots |
| 12 | Update available slot | View an available slot details | Update an available slots |
| 13 | Remove available slot | Home | Remove an available slot |
| 14 | Register mentor | Register mentor | User send a mentor registration to admin |
| 15 | Register subjects | Register subjects | User after become a mentor can register to add more subjects |
| 16 | Mentoring | Mentor | User mentor other users |

* Admin MAS web application screen details:

| **#** | **Feature** | **Screen** | **Description** |
| --- | --- | --- | --- |
| 1 | Login with system account | Login | User login into MAS web application with system account |
| 2 | View statistic | Home | View statistics of the system |
| 3 | View all request | Request | View all user requests to become mentor |
| 4 | View request detail | Request | View request details |
| 5 | View all account | Account | View all account of user in system |
| 6 | View account detail | Account detail | View details of specific account |
| 7 | View all major | Major | View all subjects exist in system |
| 8 | Create new major | Create Major | Create new major into system |
| 9 | Edit major | Edit Major | View and edit specific major |
| 10 | View all subject | Subject | View all major exist in system |
| 11 | Create new subject | Create Subject | Create new major into system |
| 12 | Edit subject | Edit Subject | View and edit specific major |

#### c. User Authorization

| **Feature** | **Screen** | **Unauthenticated User** | **User** | **Admin** |
| --- | --- | --- | --- | --- |
| 1. Login with Google | Login |  | X | X |
| 2. View schedule | Home | X |  | X |
| 3. View profile | Personal | X |  | X |
| 3.1. Edit profile | Personal | X |  | X |
| 3.2. Disable subjects | Personal | X |  | X |
| 4. Register mentor | Register mentor | X |  | X |
| 5. Register subjects | Register subject | X |  | X |
| 6. Search mentor | Search | X |  | X |
| 6.1. View list mentor | Search | X |  | X |
| 7. View mentor slots | Mentor details | X |  | X |
| 8. View mentor slot details | Mentor details | X |  | X |
| 9. Booking | Booking | X |  | X |
| 10. View booking requests | View Booking requests | X |  | X |
| 11. View booking requests details | Booking request details | X |  | X |
| 12. Accept booking request | Booking request details | X |  | X |
| 13. Deny booking request | Booking request details | X |  | X |
| 14. Create a new available slot | Create slots | X |  | X |
| 15.1 View an available slots | Slots details | X |  | X |
| 15.2. Update an available slots | Slots details | X |  | X |
| 16. Delete an available slots | Slots details | X |  | X |
| 17. View question | Mentor | X |  | X |
| 18. Answer question | Mentor | X |  | X |
| 19. Login with system account | Login | X | X |  |
| 20. View statistic | Home | X | X |  |
| 21.1 View all request | Request | X | X |  |
| 21.2. View request detail | Request | X | X |  |
| 21.3. Approve/decline request | Request | X | X |  |
| 22.1 View all account | Account | X | X |  |
| 22.2 Active/disable account | Account | X | X |  |
| 23.1 View account detail | Account detail | X | X |  |
| 23.2 Active/disable account | Account detail | X | X |  |
| 24.1 View all subject | Subject | X | X |  |
| 24.2 Delete subject | Subject | X | X |  |
| 25 Create new subject | Create Subject | X | X |  |
| 26.1 Edit subject | Edit Subject | X | X |  |
| 26.2 Delete subject | Edit Subject | X | X |  |
| 27 View all major | Major | X | X |  |
| 28 Add Major | Create Major | X | X |  |
| 29.1 Delete Major | Edit Major | X | X |  |
| 29.2 Edit Major | Edit Major | X | X |  |
| 30 Rating and comment | History Detail | X |  | X |

In which:

* Unauthenticated User: User has not logged into MAS web application
* User: User has logged into MAS web application by FPT Google account
* Admin: User has logged into Admin web application as Admin role

#### d. Non-Screen Functions

| **#** | **Feature** | **Description** |
| --- | --- | --- |
| 1 | Send email to user | Send email to user after booking request is accepted |
| 2 | Send notifications to user | Send notification to the user after getting a booking request. |

## 3. Common Requirements

# II. Functional Requirements

## 1. Login

### a. Login with Google

## 2. View schedule