# Use Case Template 1

| Field | User Accounts |
| --- | --- |
| Use Case ID | UC-001 |
| Use Case Name | User Signup |
| Actor(s) | End User |
| Preconditions | Each new user can sign up and create an account. |
| Description | This use case describes the process for a user to sign up a new account. |
| Main Flow | 1. The user navigates to the signup page. 2. The user enters their username and password. 3. The user clicks the 'Signup' button. 4. The system stores the new user credentials in the database, and redirects the user to the dashboard. |
| Alternative Flow | None, as this is the signup feature. |
| Postconditions | The user has successfully signed up their account and can access the system's features. |
| User Story | As a user, I want to sign up securely so that I can access my account and its features. |
| Priority | High |
| Status | Open |

# Use Case Template 2

| Field | User Accounts |
| --- | --- |
| Use Case ID | UC-002 |
| Use Case Name | User Login |
| Actor(s) | End User |
| Preconditions | Each user must already have an account. |
| Description | This use case describes the process for a user to log in to the system using valid credentials. |
| Main Flow | 1. The user navigates to the login page. 2. The user enters their username and password. 3. The user clicks the 'Login' button. 4. The system validates the credentials based on what is stored in the database, and redirects the user to the dashboard. |
| Alternative Flow | 1. If the credentials are incorrect, the system displays an error message. 2. If the user forgets their password, they can use the 'Forgot Password' link to reset it. |
| Postconditions | The user is successfully logged into their account and can access the system's features. |
| User Story | As a user, I want to log in securely so that I can access my account and its features. |
| Priority | High |
| Status | Open |

# Use Case Template 3

| Field | Database Configuration |
| --- | --- |
| Use Case ID | UC-003 |
| Use Case Name | Collect User Account Information |
| Actor(s) | Webmaster |
| Preconditions | Have connection to internet or cellular data to access the web application. |
| Description | The database would store all user account data, and would be used to login or signup users. |
| Main Flow | 1. The user enters their username and password on the login or signup page. 2. The user clicks the 'Login' or ‘Signup’ button. 3. Format the data to the same format as the database. 4. The system uses the database to validate the user credentials or add new user credentials to the database. |
| Alternative Flow | No alternative flow to be honest, only one way to update or read data in the database. |
| Postconditions | User account information successfully collected into a database. |
| User Story | As the webmaster, I want a way to easily update and maintain our database. |
| Priority | High |
| Status | Open |

# Use Case Template 4

| Field | Details |
| --- | --- |
| Use Case ID | UC-004 |
| Use Case Name | API Connection |
| Actor(s) | End User |
| Preconditions | The user must have an account to continue to use the api. |
| Description | This use case describes how the api process will work to connect the user to the ai algorithm. |
| Main Flow | 1. The system validates the credentials and redirects the user to the dashboard.  2. The user then enters a request  3. it will then position a request to the api to create the study guide and flash cards. |
| Alternative Flow | 1. If the system gives the incorrect result the user has the option to leave feed back  2. The user can redo the request and submit feedback if needed. |
| Postconditions | The user has successfully created a study set to be used. |
| User Story | As a user I want to be able to use a easy program to create my study guide with no issues. |
| Priority | High |
| Status | Open |

# Use Case Template 5

| Field | Details |
| --- | --- |
| Use Case ID | UC-005 |
| Use Case Name | Feed Back |
| Actor(s) | End User |
| Preconditions | The user would have had to submit feed back |
| Description | This use case describes what happens when a user submits feedback |
| Main Flow | 1. the user has submitted feedback regarding their result 2. the feedback gets filtered though an api. 3. the api then connects to the developers emails accounts 4. the information is then emailed to the developers 5. the emails will allow the devs to be able to fix issues based on feedback |
| Alternative Flow | 1. if the user doesn't want to give specific feedback they can send a thumbs up or down. 2. this will result in saying (thank you for submitting feedback!) |
| Postconditions | The user has first tried creating a study set via the information they submit through the website. |
| User Story | As a user I would love to submit feedback that will be directly accessed by the dev team. |
| Priority | Medium |
| Status | Open |

# Use Case Template 6

| Field | Flashcard Sets |
| --- | --- |
| Use Case ID | UC-006 |
| Use Case Name | Create and Share Flashcard Sets |
| Actor(s) | End User |
| Preconditions | The user must already have an account in the system and must be logged in. |
| Description | This use case describes how a user creates a flashcard set and shares it with others. |
| Main Flow | 1. The user navigates to the "Create Flashcard Set" page.  2. The user enters the title of the flashcard set.  3. The user adds individual cards by entering questions and answers.  4. The user clicks "Save."  5. The system generates a unique shareable link for the flashcard set.  6. The user can copy and share the link. |
| Alternative Flow | 1. If the user does not complete all fields (e.g., missing a title), the system prompts them to complete the required fields. |
| Postconditions | The flashcard set is saved.  A unique shareable link is generated and available for distribution. |
| User Story | As a user, I want to create flashcard sets and share them with my classmates so we can collaborate on studying. |
| Priority | High |
| Status | Open |

# Use Case Template 7

| Field | Study Guide Creator |
| --- | --- |
| Use Case ID | UC-007 |
| Use Case Name | Create Study Guides |
| Actor(s) | End User |
| Preconditions | The user must be logged in and have access to the dashboard. |
| Description | This use case describes how a user creates a personalized study guide using the platform’s tools. |
| Main Flow | 1. The user navigates to the "Create Study Guide" page.  2. The user selects the format of the study guide (e.g., outline, Q&A, summarized notes).  3. The user uploads files (e.g., PDFs, Word documents, or images) or inputs text directly.  4. The system processes the input to extract key points and organizes them into a draft study guide.  5. The user customizes the study guide by:   * Editing text. * Adding images, diagrams, or additional notes. * Highlighting important sections.   6. The user saves the study guide, assigning it a title and tags for easy retrieval. |
| Alternative Flow | 1. If the uploaded file format is unsupported, the system displays an error message and prompts the user to upload a supported file.  2. If the system cannot process the uploaded content, it prompts the user to manually input information. |
| Postconditions | The study guide is saved in the user’s account.  The user can download the guide as a PDF or share it using a unique link. |
| User Story | As a student, I want to create study guides by organizing my notes and uploaded materials so I can review them efficiently. |
| Priority | High |
| Status | Open |

# Use Case Template 8

| Field | Configure Settings |
| --- | --- |
| Use Case ID | UC-008 |
| Use Case Name | Dark Mode |
| Actor(s) | End User |
| Preconditions | User must be logged in. |
| Description | Allows users to customize application settings, such as enabling dark mode. |
| Main Flow | 1. User navigates to the preferences page.  2. User modifies settings like toggling dark mode. |
| Alternative Flow | 1. The user attempts to validate their course plan but has not submitted one. 2. The system displays an error message: "No course plan found. Please create a course plan before proceeding." 3. The user is redirected to the course plan creation page. |
| Postconditions | The settings are updated as per the user's preferences. |
| User Story | As a user, I want to ensure my course plan meets graduation requirements so that I can graduate on time without missing any prerequisites. |
| Priority | Low |
| Status | Open |

