# User Stories

1. **User Authentication**
   * As a **new user**, I want to sign up for an account by providing my email and password so that I can securely access the application.
   * As a **returning user**, I want to log in with my email and password so that I can retrieve my saved data and predictions.
2. **Graphical User Interface**
   * As a **user**, I want a navigation menu to easily find and use different features of the application.
   * As a **user**, I want the application to provide distinct windows for specific functionalities (e.g., home page, add/edit units, view predictions) so that I can perform tasks without confusion.
   * As a **user**, I want a profile page where I can add/edit my personal information so that my profile is always up to date.
3. **Data Management**
   * As a **student**, I want to add or edit my past and current units by entering details such as unit name, grade, and effort spent so that the AI can use accurate data for predictions.
   * As a **student**, I want to view a list of my current enrolled units along with relevant details so that I can see the data being used for predictions.
   * As a **student**, I want to view a list of my past enrolled units and grades so that I can understand how my historical data influences predictions.
4. **AI Prediction**
   * As a **student**, I want to add variables such as time and effort spent on units so that the AI can make more accurate grade predictions.
   * As a **student**, I want to view the AI's grade predictions based on my input data in a clear and understandable format so that I can plan my study efforts accordingly.
   * As a **student**, I want the AI to update predictions in real-time as I add or change data so that I always have the most current information.
5. **Data Persistency**
   * As a **user**, I want my data to be saved securely in a database so that I can retrieve or update it as needed without worrying about data loss.
   * As a **user**, I want the application to provide confirmation messages after data updates (e.g., "Unit added successfully") so that I know changes have been successfully made.
6. **Core Functionalities**
   * As a **user**, I want dedicated windows to perform specific tasks such as adding units or viewing predictions so that I can focus on the application’s primary features without distractions.
   * As a **user**, I want the application to respond promptly to my inputs (e.g., loading data, updating predictions) so that I can complete tasks efficiently.