

Problem

University students lack a centralized desktop application to plan and track their academic journey, including courses, prerequisites, and academic progress. This often leads to confusion about course planning and delays in graduation-related decisions.

Goal

To develop a desktop application that allows university students to manage their entire academic life, including tracking current courses, planning future semesters, and visualizing prerequisites and overall progress.

Objective

1. Provide user-friendly interface to add, edit, and view all taken and planned courses.
 2. Allow users to define course prerequisites and visualize dependencies.
 3. Display semester-wise course layout for the full degree timeline
 4. Track academic progress by showing completed, ongoing, and remaining courses.
 5. Store all data locally and ensure the application works offline.
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Succes Criteria

1. Users can add, edit, and delete course information across multiple semesters.
 2. Prerequisite relationship between courses can be defined and visualized.
 3. Academic progress is displayed clearly based on completed and planned courses.
 4. All data saved locally and persists between sessions.
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Assumptions, Risks, Obstacles

- **Assumptions:**

Users will input their course information manually.

- **Risks:**

Project scope may grow beyond initial expectations, causing delays or unfinished features.

- **Obstacles:**

Designing a flexible yet intuitive UI for multiyear course planning.