



AdviseWise: AI-Powered Academic Advising System

Presented by Group 3

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- Manali Chaudhari
- Tejal Palwankar
- Shubham Patil

The Team

Tanmay Doke



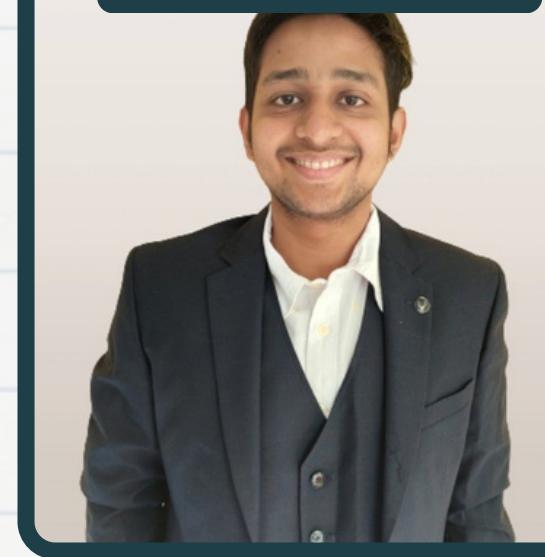
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Ishita Trivedi



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Tejal Palwankar

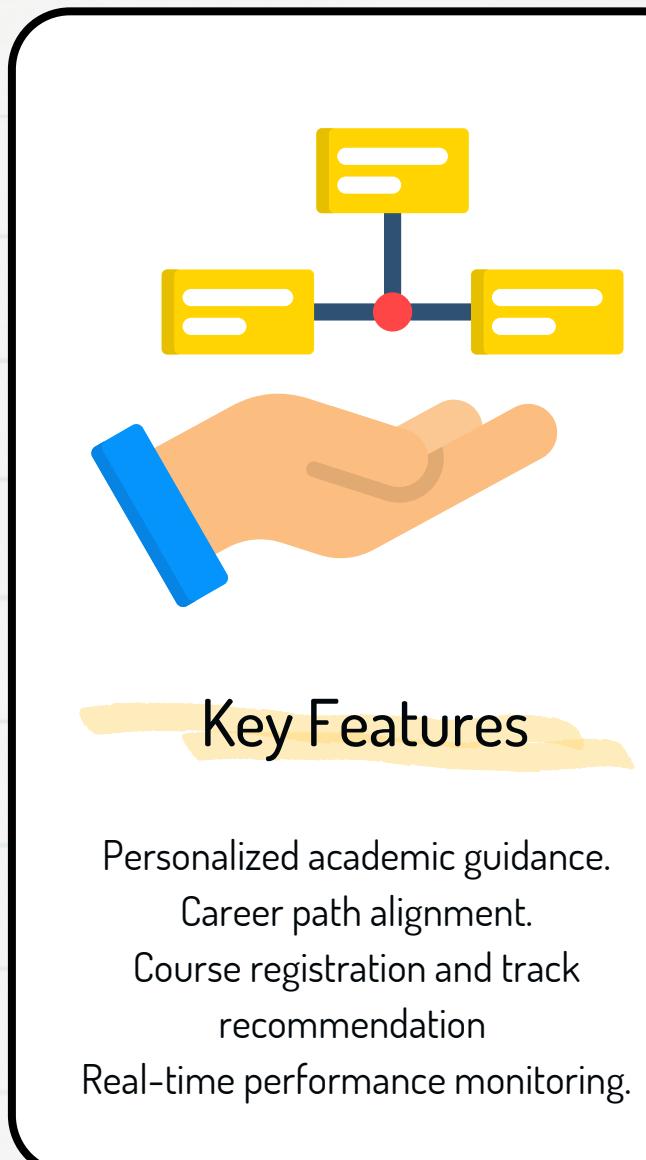


Introduction



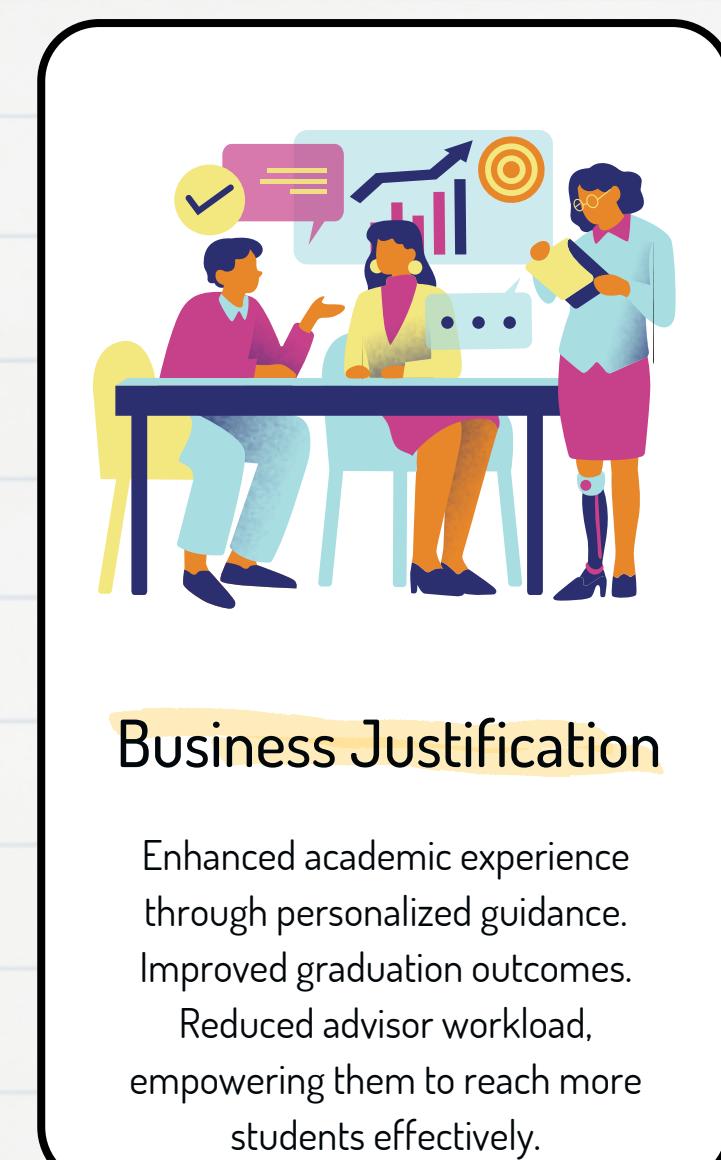
Objective

To revolutionize the academic advising process at Syracuse University using AI technology.



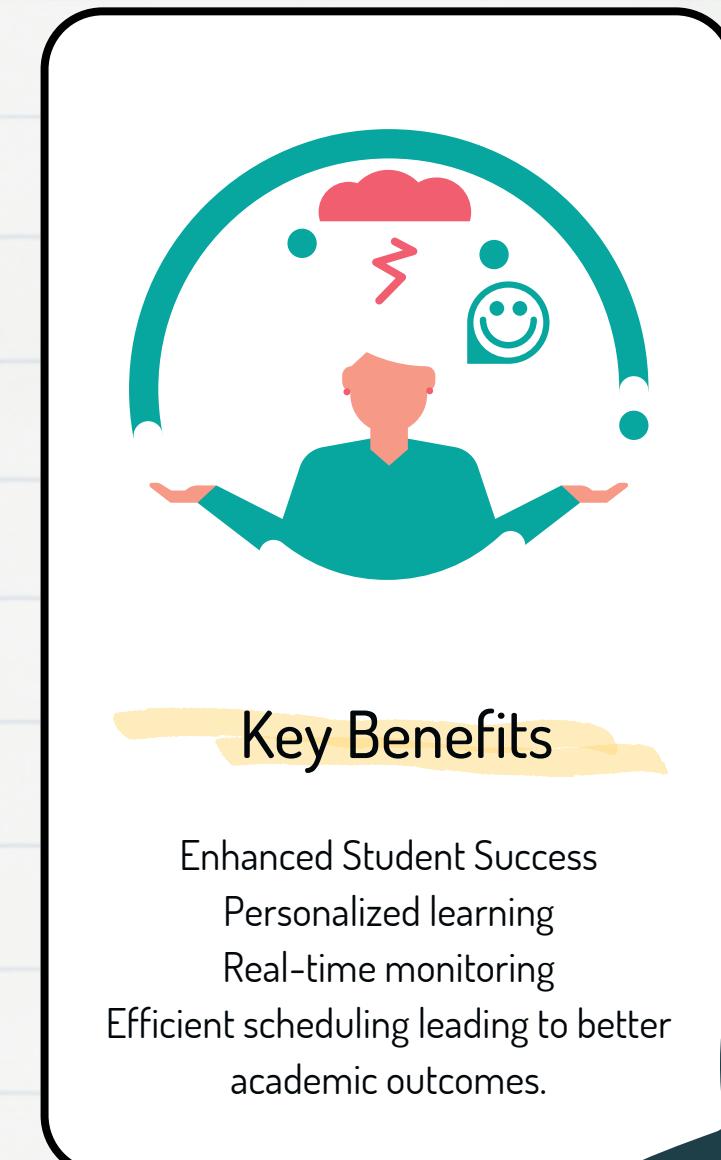
Key Features

Personalized academic guidance.
Career path alignment.
Course registration and track recommendation
Real-time performance monitoring.



Business Justification

Enhanced academic experience through personalized guidance.
Improved graduation outcomes.
Reduced advisor workload, empowering them to reach more students effectively.

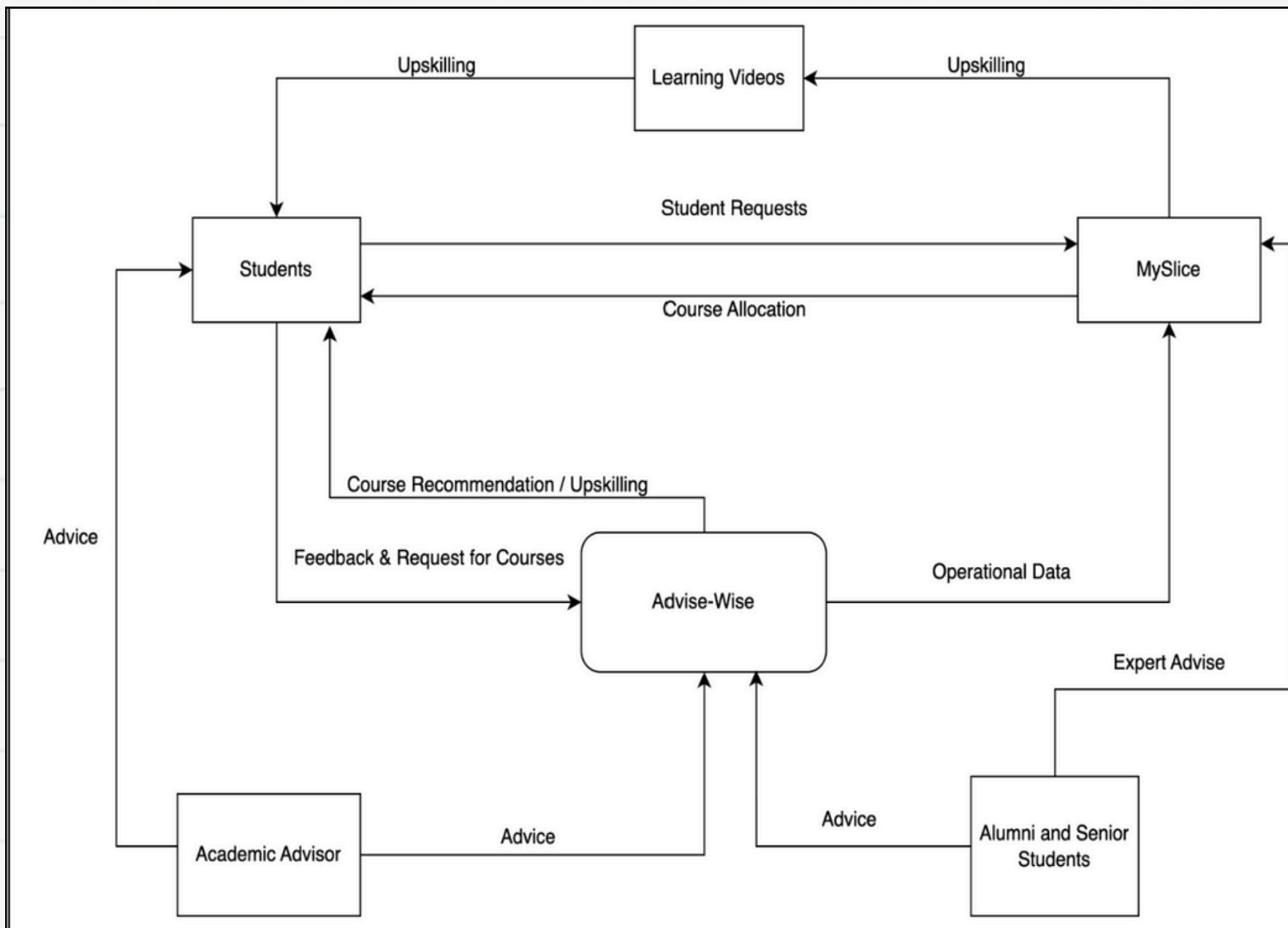


Key Benefits

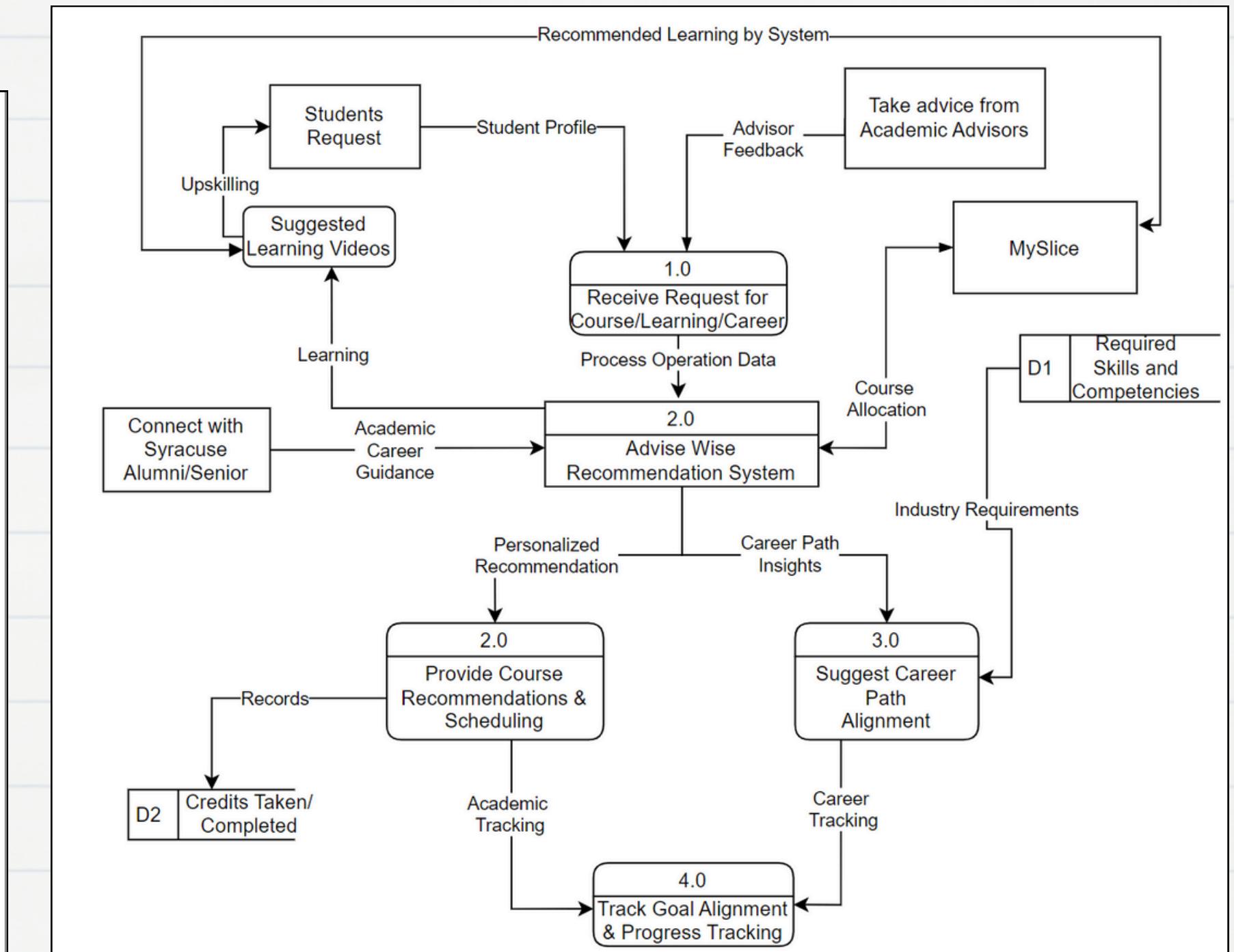
Enhanced Student Success
Personalized learning
Real-time monitoring
Efficient scheduling leading to better academic outcomes.



Process Model

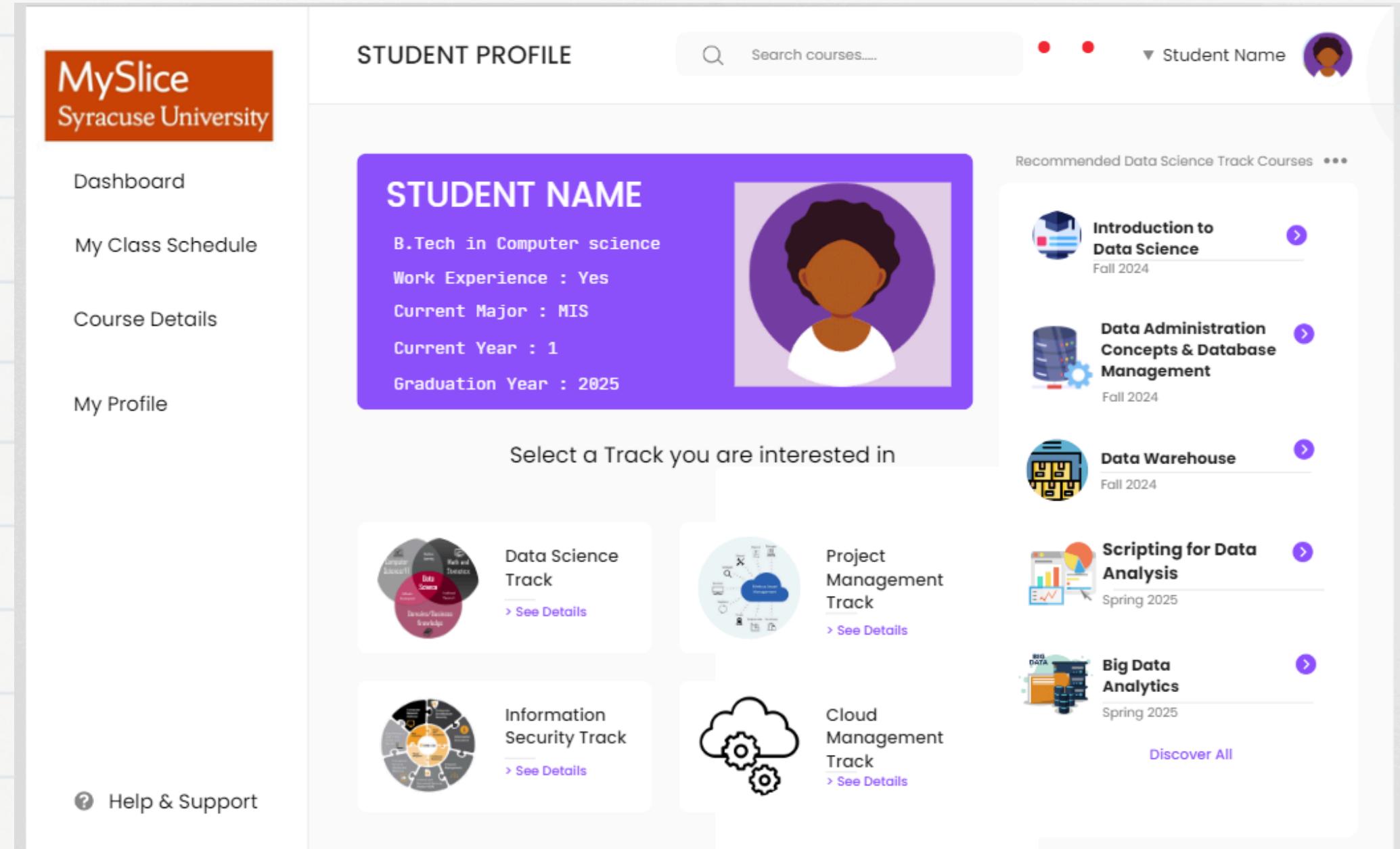


CONCEPTUAL DIAGRAM



LEVEL 1 DFD

Dashboard-Overview



The image shows a screenshot of the MySlice Syracuse University student dashboard. The top navigation bar includes links for "Dashboard", "My Class Schedule", "Course Details", "My Profile", and "Help & Support". The main content area is titled "STUDENT PROFILE" and displays the student's name, major (B.Tech in Computer science), work experience (Yes), current major (MIS), current year (1), and graduation year (2025). A placeholder message "Select a Track you are interested in" is visible above a list of tracks. The "Data Science Track" is currently selected, showing its details. Other tracks listed include "Information Security Track", "Project Management Track", "Cloud Management Track", "Data Administration Concepts & Database Management", "Data Warehouse", "Scripting for Data Analysis", and "Big Data Analytics". A sidebar on the right lists "Recommended Data Science Track Courses" for Fall 2024 and Spring 2025, such as "Introduction to Data Science", "Data Administration Concepts & Database Management", "Data Warehouse", "Scripting for Data Analysis", and "Big Data Analytics".

MySlice
Syracuse University

Dashboard

My Class Schedule

Course Details

My Profile

Help & Support

STUDENT PROFILE

Search courses....

Student Name

STUDENT NAME

B.Tech in Computer science

Work Experience : Yes

Current Major : MIS

Current Year : 1

Graduation Year : 2025

Select a Track you are interested in

Data Science Track

Information Security Track

Project Management Track

Cloud Management Track

Recommended Data Science Track Courses

Introduction to Data Science

Data Administration Concepts & Database Management

Data Warehouse

Scripting for Data Analysis

Big Data Analytics

Fall 2024

Fall 2024

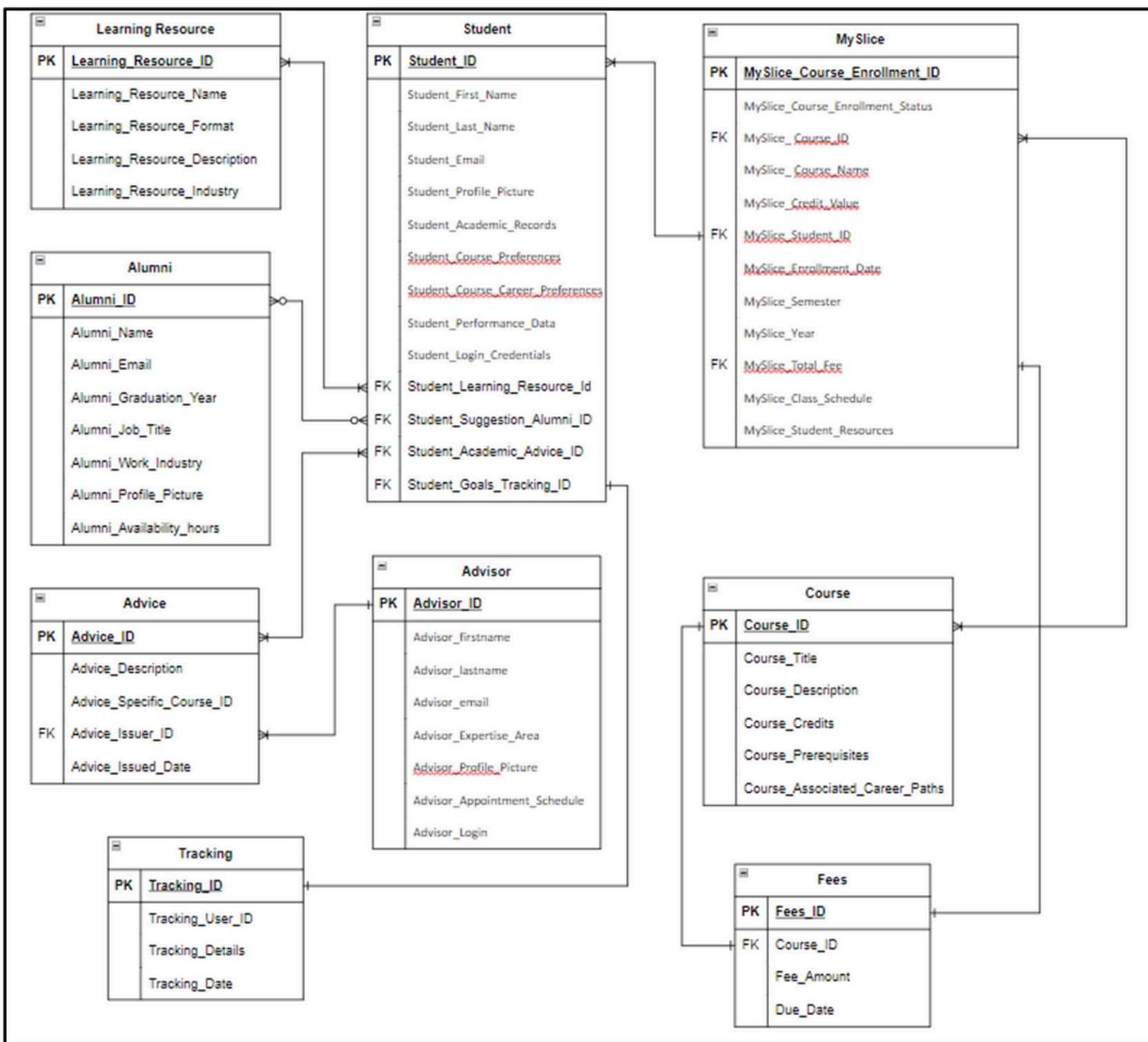
Fall 2024

Spring 2025

Spring 2025

Discover All

Logical Model



Review from users

Students

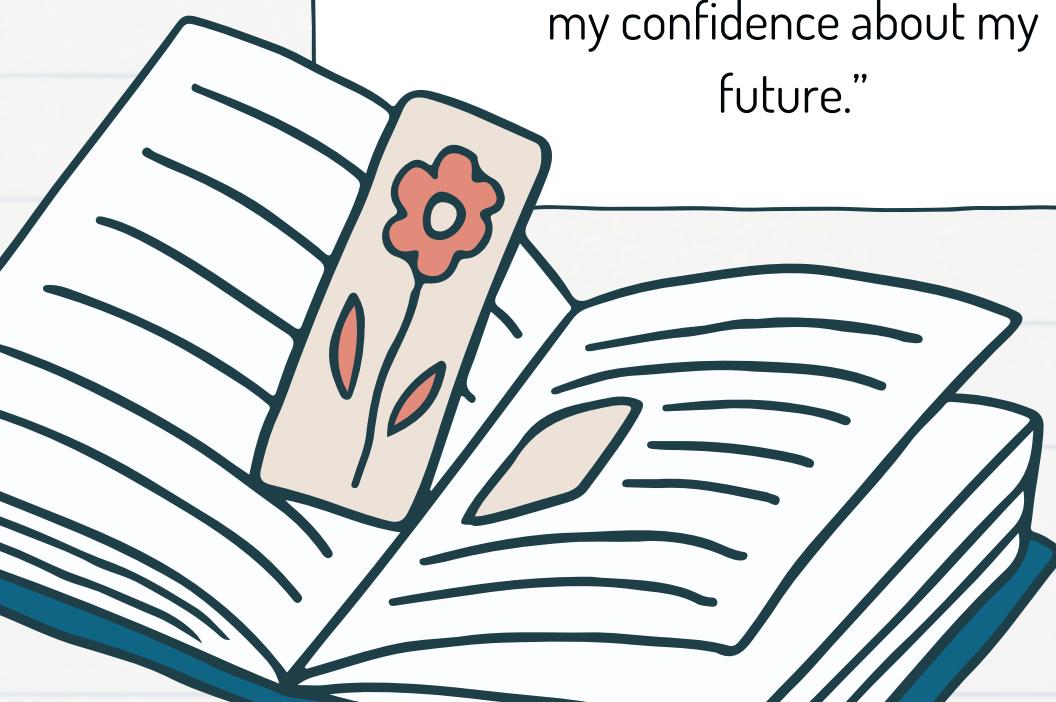
"AdviseWise offers personalized guidance and scheduling, making academic planning more manageable and boosting my confidence about my future."

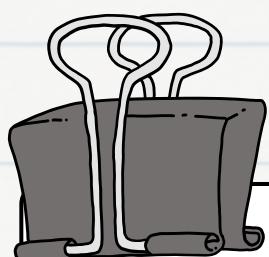
Advisor

" AdviseWise has improved the efficiency and effectiveness of advising, allowing me to provide quicker, data-driven guidance and focus on complex student issues."

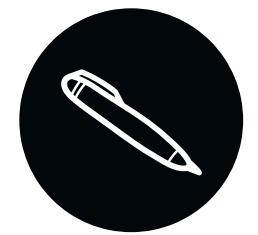
Alumni

"As an alum, I'm impressed by AdviseWise's potential to revolutionize academic advising and enhance Syracuse University's reputation in higher education."



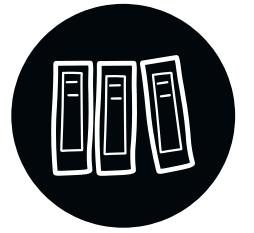


Next steps



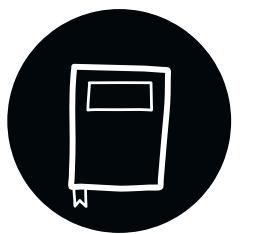
Testing

- Alerts and Notifications
- System Optimization Testing
- Integration Testing



Implementation Consideration

- User Onboarding and Training
- Data Security
- Feedback Mechanism for Continuous Improvement
- Migration from Previous Systems



Long-Term Strategic Actions

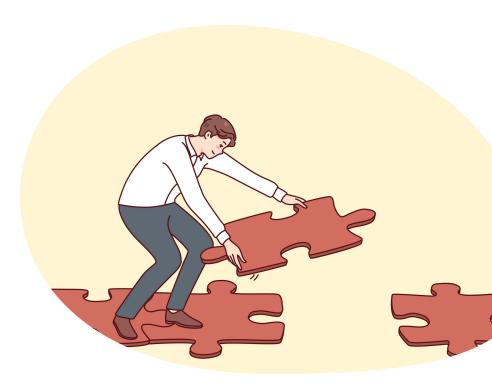
- Expand System Feature



Project Reflection: Future Directions



MODULAR DEVELOPMENT
AND PHASED
IMPLEMENTATION



FOCUSED ATTENTION ON
CURRENT ADVISING
CHALLENGES



IMPROVED CHANGE
MANAGEMENT AND
TRAINING



ENHANCED FEEDBACK
MECHANISMS



Lessons Learned



Thank You

