Project Assignment - Week Eight Deliverables

Group No 3 – Team Members

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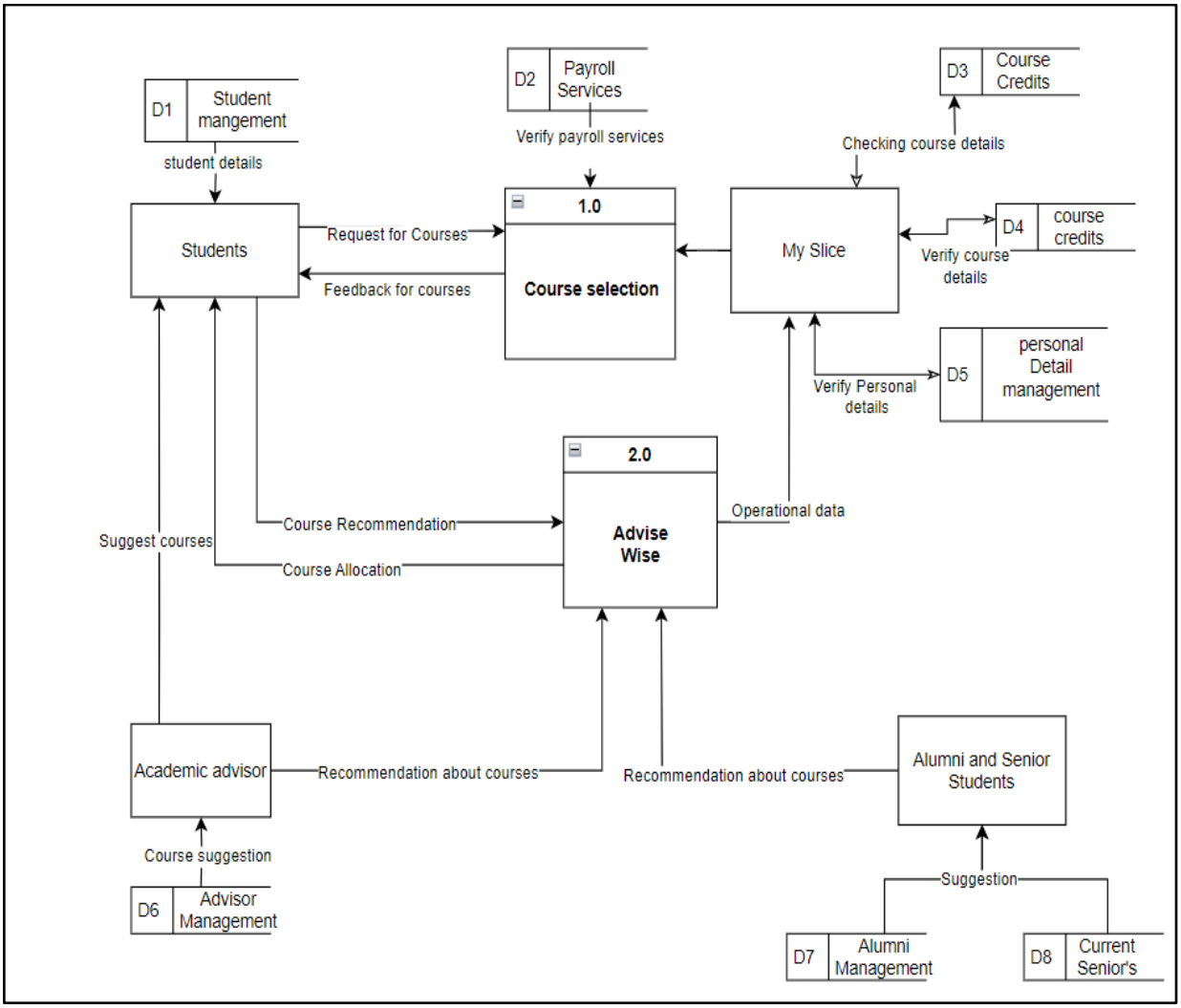
Event Model

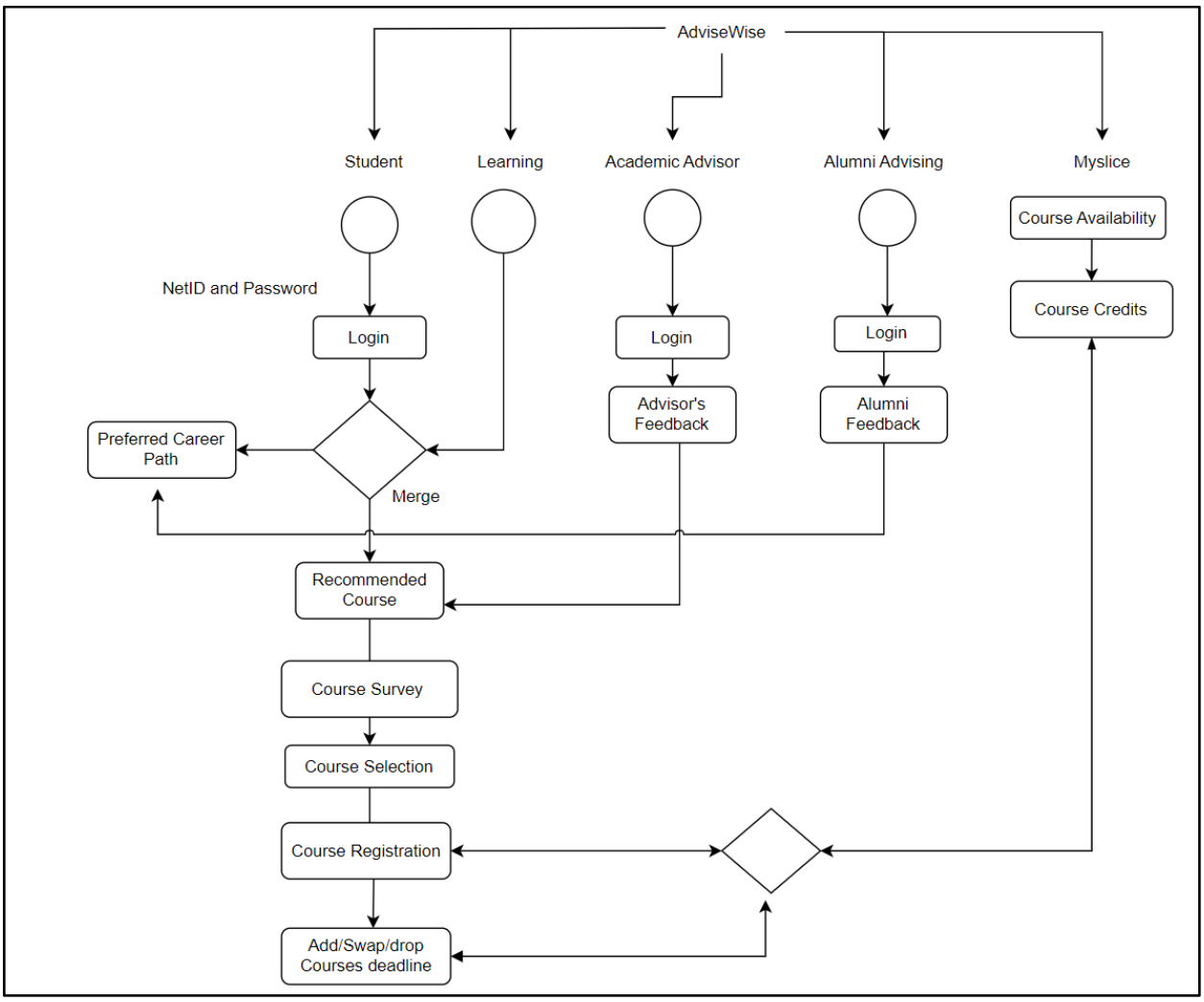


Event Model Table

Event	Source	Trigger	Activity	Response	Destination
Student Registration	Student	Submission of registration form	Create a new Student record	Confirmation of registration	Student
Login	Student/Advisor	User credentials entered	Validate login credentials against Student/Advisor records	Login success or failure message	Student/Advisor
Request Advice	Student	Student selects request advice	Retrieve available Advisors for consultation	List of Advisors	Student
Select Learning Resource	Student	Student chooses a resource	Retrieve Learning Resource details	Learning Resource information	Student
Enroll in Course	Student	Course selection and enrollment request	Create MySlice record for course enrollment	Enrollment confirmation	Student
Update Alumni Information	Alumni	Submission of update form	Update Alumni record with new information	Confirmation of information update	Alumni
Schedule Appointment	Student	Request for appointment with Advisor	Update Advisor schedule with new appointment	Appointment confirmation	Student
Log Academic Progress	Advisor	Entry of academic progress	Update Student record with new	Confirmation of academic update	Advisor

			academic information		
Assign Course Material	Advisor	Selection of learning resources	Associate Learning Resources with Student records	Confirmation of material assignment	Student

Activity Diagram



Project Status Report (reflective of accomplishments to date and future plans)

Reporting period:	03/01/2024 to 04/24/2024	**Project title:**	**AI-Powered Academic Advising System**
Date of report:	03/27/2024	**Project manager:**	**Tanmay Doke**
Report author:	**Shubham Patil**	**Project Sponsor:**	*Syracuse University*

EXECUTIVE SUMMARY

Narrative Summary of Status	Schedule	Budget	Issues
Syracuse University is in the process of implementing an AI-Powered Academic Advising System to enhance student support services. The project involves gathering requirements, designing personalized guidance algorithms, addressing data privacy concerns, and ensuring system scalability. The university aims to improve student retention rates, academic achievement, and faculty productivity through this initiative. The project is on track with active stakeholder engagement and a focus on regulatory compliance and user adoption.	GREEN	AMBER	AMBER

Project Plan ID	Project Milestones	Status	Baseline Completion Date	Expected Completion Date	Issues Exist (Yes/No)
1	*User Registration and Profile Setup*	COMPLETE	*Mar-24*	*Mar-24*	*No*
2	*Data Integration and Analysis*	COMPLETE	*Mar-24*	*Mar-24*	*No*
3	*Personalized Academic Advising*	IN PROGRESS	*Apr-24*	*Apr-24*	*No*

4	Real-Time Progress Tracking and Alerts	IN TESTING	Apr-24	May-24	No
5	Advisor And Alumni Engagement	ON HOLD	May-24	May-24	No
6	Continuous Learning and System Optimization	IN PROGRESS	Apr-24	Jul-24	No
7	Compliance And Data Security	UP TO DATE	Apr-24	Apr-24	No
8	Reporting And Analytics for University Management	Planning Stage	Jun-24	Jul-24	No

STATUS OF PLANNED ACTIVITIES

Planned accomplishments in this period:

- *Completed User Registration & Profile in the system.*
- *Completed Data Integration and Analysis.*
- *Prototype created for advanced Personalized Academic Advising with AI algorithm refinements.*
- *Initiated testing for Real-time Progress Tracking and Alerts.*

Planned but not accomplished:

- *Real-Time Progress Tracking for students and setting Alerts for course selection.*
- *Advisor and Alumni Engagement phase.*

Planned actions for the next period:

- *Continued refinement of AI algorithms and system optimization.*
- *Begin development of Reporting and Analytics for University Management.*
- *Integrate with University MySlice dashboard page.*

PROJECT ISSUES SUMMARY

ID	Priority	Issue Description	Impact Summary	Action Steps
1	High	Integration with Existing Systems	Data inconsistencies, workflow disruptions	Collaborate with IT teams, conduct thorough testing, and ensure seamless integration.
2	High	Data Quality and Accuracy	Inaccurate recommendations, poor decision-making	Implement data validation processes, improve data cleansing techniques, and monitor data quality.

3	*Medium*	*System Scalability*	*Inability to handle increased student load*	*Conduct scalability testing, optimize system architecture, and plan for growth.*
4	*Medium*	*User Adoption and Training*	*Low adoption rates, user frustration*	*Develop comprehensive training programs, user-friendly interfaces, and ongoing support.*

PROJECT RISK SUMMARY

ID	Priority	Risk Description	Risk Assessment (Severity)	Impact Summary	Response Strategy
R1	*High*	*Data Security Breach*	*High (Critical)*	*Potential loss of sensitive data, legal implications, damage to reputation*	*Implement robust data encryption, access controls, regular security audits, and incident response protocols.*
R2	*High*	*User Resistance to Change*	*High (Critical)*	*Low adoption rates, user frustration, resistance to system usage*	*Develop comprehensive training programs, engage stakeholders early, and emphasize benefits of the system.*
R3	*High*	*Scope Creep*	*High (Critical)*	*Project objectives not met, budget overrun, schedule delays*	*Establish clear project scope, conduct regular reviews, prioritize requirements based on impact and feasibility.*
R4	*Medium*	*Incomplete Data Integration*	*Medium (Significant)*	*Data inconsistencies, workflow disruptions, delayed project milestones*	*Collaborate closely with IT teams, conduct thorough testing, and monitor integration progress.*
R5	*Medium*	*Technology Compatibility Issues*	*Medium (Significant)*	*System incompatibility, integration challenges, functionality gaps*	*Conduct thorough compatibility testing, leverage industry standards, and explore alternative solutions.*