Group No 3 – Team Members

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PROJECT CHARTER

PROJECT NAME	PROJECT MANAGER	PROJECT SPONSOR
AdviseWise: AI-Powered Academic Advising System	Tanmay Doke	Syracuse University

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ESTIMATED COSTS	EXPECTED SAVINGS	EXPECTED START DATE	EXPECTED COMPLETION
$4,10,000	$32,000	02/21/2024	09/21/2024

PROJECT OVERVIEW

PROBLEM OR ISSUE	Students often face challenges navigating academic options, selecting suitable courses, and aligning their academic path with their career aspirations. Traditional academic advising methods may be time-consuming, generic, and lack personalized guidance. This can lead to suboptimal academic outcomes, reduced career readiness, and dissatisfaction among students and academic advisors.
PURPOSE OF PROJECT	The purpose of this project is to revolutionize academic advising and career guidance through the implementation of an AI-powered system. By leveraging advanced technology, the project aims to address the following objectives: 1. **Enhance Academic Advising**: Implement an AI-Powered Academic Advising System to revolutionize the advising process. 2. **Personalized Guidance**: Provide tailored guidance and support to students based on their unique needs and preferences.

	3. **Improve Student Success**: Utilize advanced algorithms to analyze student data and academic performance, facilitating better decision-making and academic planning. 4. **Increase Faculty Efficiency**: Automate routine tasks and provide actionable insights to faculty advisors, allowing them to focus on high-value interactions with students. 5. **Streamline Processes**: Streamline advising workflows and reduce administrative burden for faculty, enhancing overall efficiency and productivity. 6. **Foster Innovation**: Embrace AI (Artificial Intelligence) technology and innovative solutions to meet the evolving needs of students and improve institutional effectiveness. 7. **Drive Positive Outcomes:** Ultimately, the project aims to drive positive outcomes for students, faculty, and the institution, positioning us as leaders in student support and innovation.
BUSINESS CASE	The AI-Powered Academic Advising System project addresses the limitations of traditional advising methods by leveraging AI technology to deliver personalized guidance to students. Manual processes often fail to cater to individual student needs, leading to lower retention rates and inefficiencies for faculty. By providing tailored recommendations based on student data and preferences, the system aims to improve student outcomes and faculty productivity. The project's benefits include higher retention rates, improved academic achievement, and increased faculty satisfaction. These outcomes contribute to the institution's reputation and competitiveness while potentially driving revenue growth through improved student enrollment. Overall, the project represents a strategic investment in enhancing student success and institutional effectiveness through innovative technology solutions
GOALS / METRICS	The project aims to address several key areas: 1. **Customized Academic Advice:** Provide personalized guidance to students based on their academic performance, career interests, and individual preferences. 2. **Career Path Alignment:** Assist students in aligning their academic pursuits with their long-term career goals, enhancing employability and career prospects. 3. **Efficient Schedule Planning:** Offer tools and resources to optimize students' course schedules, ensuring timely progress towards graduation and minimizing academic conflicts. 4. **Real-time Progress Tracking:** Enable students to track their academic progress in real-time, identify areas for improvement, and receive timely interventions or support.

	5. **Enhanced User Satisfaction:** Improve overall satisfaction with academic advisory services by delivering tailored guidance, fostering student engagement, and reducing reliance on manual advising processes. 6. **Support for Academic Advisors:** Reduce the workload on academic advisors by automating routine tasks, providing data-driven insights, and facilitating more strategic advising interactions. 7. **Data-driven Decision Making:** Enable university management to make informed decisions about academic programs, resource allocation, and student support services based on comprehensive data analysis and insights generated by the system.
EXPECTED DELIVERABLES	1. **Data Analytics Framework:** Employment of predictive analytics for early intervention and to refine advising based on outcomes. 2. **Collaborative Ecosystem Development:** Establishment of peer mentoring and enhancement of advisor training with modern technologies. 3. **Career Integration Services:** Linking academic advising with external career services, industry insights, and practical work experiences.

PROJECT SCOPE

WITHIN SCOPE	Project Managers, Academic Advisors, Alumni, Industry Specialist will work with students to through AdviseWise platform to provide academic support and career guidance. The system can be utilized to tailor the guidance of Academic Advisors based on individual student needs, academic progress, and career aspirations. Alumni and Industry Specialists will be able to contribute by sharing their experiences and insights, helping students to align their academic journey with realistic career goals and industry demands.
OUTSIDE OF SCOPE	Outsourcing of academic advising services to external entities is not in the project's scope. Also, establishing partnerships with other academic institutions for shared advising resources or services is not feasible with the available resources.

TENTATIVE SCHEDULE

TENTATIVE SCHEDULE	KEY MILESTONE	START	FINISH
Requirements Gathering (1 month)	Conduct workshops and interviews with stakeholders	21-Feb-24	20-Mar-24
	Analyze existing advising processes		
System Design (1.5 months)	Develop comprehensive system design	21-Mar-24	5-May-24
	Review design with stakeholders		
Development (2.5 months)	Implement system components based on design	6-May-24	20-Jul-24
	Conduct testing and debugging		
Testing (1 month)	Conduct thorough testing	21-Jul-24	20-Aug-24
	Identify and resolve issues		
Deployment (1 month)	Deploy system in staged manner	21-Aug-24	20-Sep-24
	Provide training and support to users		
Monitoring and Optimization (Continuous)	Monitor system performance and gather user feedback	21-Sep-24	Ongoing
	Implement updates and enhancements based on feedback		