DEAKIN UNIVERSITY

APPLIED SOFTWARE ENGINEERING

ONTRACK SUBMISSION

Project Plan (Group)

Submitted By:
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Group Members:

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Outcome	Weight
ULO1	◆◆◆◆◆
ULO2	◆◆◆◆◆
ULO3	◆◆◆◆◆
ULO4	◆◆◆◆◆

nice

April 29, 2025

SIT725 – Applied Software Engineering

Task 7.5P – Project Plan

Overview of Planned Individual Contribution:

Name	Main Role/s	Target Grade
Dhananjay Choudhari	Frontend Developer, UI/UX Developer	D
Likith Somashekar	Backend Developer, Database Specialist	D
Utkarsh Aggarwal	Full Stack Developer, Scrum Master	D

Dhananjay Choudhari

Criteria	Pass -> "can do allocated work with guidance"	Credit -> "performs their role in the Project"	Distinction -> "can see themselves in the team and assist others"	High Distinction -> "can demonstrate excellence"
Core Development			Frontend Development for RemixMeals - Implement React.js SPA with responsive design using Materialize CSS - Develop reusable UI components with proper state management - Create user registration, login, and ingredient input interfaces following MVC architecture - Build recipe card displays components with feedback mechanism	
CRUD			Advanced CRUD operations including: - Data validation for user inputs - Input sanitization for ingredient entries - Form validation with proper error handling - Implement bulk update for user profiles	
Design			Frontend design contributions: - Create HI-FI mockups in Figma for all major screens - Develop clickable prototype demonstrating user flows - Design responsive interfaces for both desktop and mobile	

Tools	Pass	Credit	Distinction	High Distinction
SRS	Contributed significantly to the SRS document: - Drafted Introduction, Product Scope, and Overall Description sections - Defined UI/UX requirements in detail			
Testing	Manual testing contributions: - Create test cases for frontend components - Document test procedures for UI workflows - Test responsive design across multiple devices - Conduct browser compatibility testing			
Real Time			Real-time implementation: - Integrate Socket.IO on frontend - Implement real-time recipe updates - Create notification system for recipe suggestions	
Discuss with Tutor during workshop			Will discuss with tutor in week 8 to get feedback on UI design and frontend architecture	
Leadership			Support team leadership: - Assist project leader with frontend coordination - Provide UI/UX expertise during planning sessions - Help mentor junior team members on frontend tasks	

GIT			Will use feature branches for each UI component - Follow structured git workflow - Create separate branches for major features	
Trello			Will maintain well-documented tasks: - Clear naming conventions - Detailed descriptions - Regular updates on progress - Use checklists and labels	
README file	Will contribute to the README: - Frontend setup instructions - UI component documentation - Environment configuration details			

Likith Somashekar

Criteria	Pass -> *"can do allocated work with guidance"*	Credit -> *"performs their role in the Project"*	Distinction -> *"can see themselves in the team and assist others"*	High Distinction -> *"can demonstrate excellence"*
Core Development			Backend Development: - Implement Node.js backend with RESTful API - Develop MongoDB database models and schemas - Create controllers following MVC architecture - Implement authentication and authorization system - Design efficient database queries	
CRUD			Advanced CRUD operations: - Implement data validation & error handling - Develop role-based access	

			control (RBAC) - Create bulk operations for recipe database - Implement soft delete functionality	
Design			Backend design: - Create detailed system architecture diagram - Document database schema design - Define API endpoints and data flow	
SRS		Contributed to SRS document: - Developed Specific Requirements (Functional and Non-Functional) - Defined database requirements and constraints		
Testing		Testing contributions: - Create manual test cases for API endpoints - Document testing procedures - Develop input validation tests		
Real Time			Real-time implementation: - Implement Socket.IO for backend - Create broadcasting sockets for multiple users - Develop real-time data synchronization	
Discuss with Tutor during workshop			Will discuss with tutor in week 9 to get feedback on database architecture and API design	
Leadership			Leadership excellence: - Act as **Project Leader**	

			& Scrum Master consistently throughout the project - Lead all sprint planning, review, and retrospective sessions - Provide overall technical direction and architectural decisions - Mentor team members on database and backend challenges - Coordinate between frontend and backend teams - Manage project timeline and deliverables - Serve as main point of contact with stakeholders	
Tools	**Pass**	**Credit**	**Distinction**	**High Distinction**
GIT			Will use feature branches: - Create branches for each API endpoint - Follow structured workflow - Proper commit messaging	
Trello			Will maintain well-documented tasks: - Clear task descriptions - Regular updates - Use of labels and checklists	
README file		Will contribute to README: - Backend setup instructions - API documentation - Database configuration guide		

Utkarsh Aggarwal

Criteria	Pass -> *"can do allocated work with guidance"*	Credit -> *"performs their role in the Project"*	Distinction -> *"can see themselves in the team and assist others"*	High Distinction -> *"can demonstrate excellence"*
Core Development			Full-Stack Development: - Integrate frontend and backend components - Implement Socket.IO for real-time communication - Create authentication middleware - Set up deployment infrastructure - Develop error handling system across application	
CRUD		CRUD operations: - Implement recipe suggestion algorithm - Create feedback mechanism - Develop user profile management		
Design			System architecture: - Create comprehensive system architecture diagram - Document API endpoints and integration points - Design deployment architecture	
SRS			SRS contributions with research: - Documented External Interfaces, Use Cases, and System Architecture -	

			Researched industry standards and best practices - Compared with similar recipe suggestion systems	
Testing		Advanced testing: - Implement end-to-end testing for critical user workflows - Set up automated testing framework - Prepare test coverage report - Document testing methodology	
Real Time				
Discuss with Tutor during workshop			Will discuss with tutor twice (weeks 8 and 10) to get feedback on integration architecture and testing approach	
Leadership			Support team leadership: - Assist project leader with system integration - Provide full-stack expertise during planning sessions - Help mentor team members on integration challenges - Support end-to-end testing implementation	
Tools	**Pass**	**Credit**	**Distinction**	**High Distinction**
GIT				Implement release branches - Feature branches aligned with Trello - Manage version control - Set up CI/CD integration
Trello			Well-documented tasks: - Detailed descriptions - Regular updates -	

			Use of all Trello features - Integration with Git commits	
README file		README contributions: - Complete project documentation - Detailed setup instructions - Testing procedures - Deployment guidelines		