

Initial Project Planning Template

Date	27 September2024
Team ID	739842
Project Name	Ai-Powered Nutrition Analyzer For Fitness Enthusiasts
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data collection	USN-1	As a fitness enthusiast, I want an AI-powered nutrition analyzer to log my meals effortlessly so that I can track my calorie intake and nutrients accurately.	5	High	RAMYA SREE	20/10/2024	21/10/2024
Sprint-2	Data Preprocessing	USN-2	As a fitness enthusiast, I want the AI-powered nutrition analyzer to clean and standardize my food intake data so that I can receive accurate nutritional insights.	3	High	RAMYA SREE AKHIL	22/10/2024	23/10/2024
Sprint-2	Data Preprocessing	USN-4	Develop a preprocessing pipeline to handle missing values, normalize nutritional data, and categorize food items for analysis. representations for machine learning models	3	Medium	RAMYA SREE MANIKA NTA	24/10/2024	26/10/2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Model Building& Model Selection	USN-5	As a fitness enthusiast, I want the AI-powered nutrition analyzer to provide accurate macronutrient and micronutrient breakdowns of my meals, so I can optimize my diet for my fitness goals.	3	High	RAMYA SREE AKHIL	27/10/2024	28/10/2024
Sprint-4	Model Training	USN-6	As a fitness enthusiast, I want an AI-powered nutrition analyzer to provide personalized meal recommendations based on my dietary preferences and fitness goals so that I can achieve optimal health and performance.	3	Medium	RAMYA SREE	29/10/2024	1/11/2024
Sprint-5	Creating and Generating Submission file	USN-7	As a fitness enthusiast, I want an AI-powered nutrition analyzer to track and analyze my dietary intake so that I can optimize my nutrition and achieve my fitness goals.	3	High	MANIKA NTA KOUSHIK	2/11/2024	4/11/2024
Sprint-6	Application Building	USF-9	As a fitness enthusiast, I want an AI-powered nutrition analyzer that scans my meals and provides detailed nutritional insights, so I can make informed dietary choices to meet my fitness goals.	4	High	AKHIL	5/11/2024	7/11/2024
Sprint-6	Model Development	USF-10	To build an HTML Develop and train a machine learning model to analyze user inputs (e.g., dietary preferences,	4	Medium	MANIKA NTA	8/11/2024	10/11/2024

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			fitness goals, and consumed foods) and generate tailored nutritional insights and meal recommendations.					
Sprint-6	Model Development	USF-11	As a fitness enthusiast, I want an AI-powered nutrition analyzer that provides personalized meal suggestions and tracks my nutrient intake, so I can optimize my diet for my fitness goals.	3	Medium	AKHIL	11/11/2024	13/11/2024
Sprint-6	Project Report	USN-12	Reporting the project	4	Medium	RAMYA SREE AKHIL MANIKA NTA KOUSHIK	14/11/2024	15/11/2024