Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	22 October 2022
Team ID	PNT2022TMID32179
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration and login	USN-1	As a user, I can register for the application by entering a unique user id, password, and confirming my password.	8	High	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-1	Main page, About Page	USN-2	Home page, About page. Navigate through the application easily (easy user experience and interface).	7	High	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-1	Logout	USN-5	As a user, I can logout from the application	5	HIgh	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-2	Prediction	USN-3	As a user, I can upload pictures from the camera and also from the device.		HIgh	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-2	Anonymous Usage	USN-4	As a user, I can access the application without signing in.		High	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-2	Searching fruits data manually	USN-6	As a user, I can access information (nutritional Content) about other fruits also in the application.		Medium	N.REVATHI S.RUBAVARSHINI V.PRIYA

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						V.NAVEENKUMAR
Sprint-2	Motivational quotes suggestion	USN-7	As a user, I get daily motivational quotes.		High	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-2	Searching	USN-8	As a user, I can get suggestion of fruits based on season and health condition		High	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-2	Dashboard	USN-11	As a User I can view the nutritional content of food taken for an day		Low	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-2	Report page	USN-12	As a User I can report any issues through report page		High	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-2	Dashboard	USN-14	As a User I can View the issues and reports done by common users and the administrator		High	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-3	Monitoring	USN-10	As a user, I can monitor my daily water intake as per my body weight, and get periodic reminders.		Medium	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-3	Health details management	USN-9	As a user , I can manage my health condition details like diabetic details through accessing the health management page		Medium	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-3	Installable PWA	USN-13	PWA for mobile users		Medium	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-3	Dashboard	USN-15	As a Administrator I can view and manage users, contents		Medium	N.REVATHI S.RUBAVARSHINI V.PRIYA

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						V.NAVEENKUMAR
Sprint-3	Feedback page	USN-16	As a User I can give Feedback.		Medium	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-3	BMI update page	USN-17	As a User I can update and view my BMI		Medium	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-3	Storing Data	USN-20	As a user, i can store the data which are used to predict the health conditions		Medium	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-4	Security Check	USN-18	As a administrator I need to confirm that the users data are in secure format		Medium	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR
Sprint-4	Grouping Users	USN-19	As a user, i can join or enroll in a group to get specialized content		Low	N.REVATHI S.RUBAVARSHINI V.PRIYA V.NAVEENKUMAR

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$