PROJECT PLANNING PHASE

PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORYPOINTS)

TEAM ID	**PNT2022TMID33130**
PROJECT NAME	**NUTRITION ASSISTANT APPLICATION**

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	USN-1	As a user, I can register for the application by entering my email, password, and confirming mypassword.	2	High	M.MADHUMITHA V.LAYASHREE S.Y.NIVETHITHA M.ROSE MISHNA
Sprint-1	Signing up	USN-2	As a user, I will receive confirmation email onceI have registered for the application	1	High	M.MADHUMITHA V.LAYASHREE S.Y.NIVETHITHA M.ROSE MISHNA
Sprint-1	Login	USN-3	As a user, I can log into the application byentering email & password	1	High	M.MADHUMITHA V.LAYASHREE S.Y.NIVETHITHA M.ROSE MISHNA
Sprint-2	User details	USN-4	As a user , I can fill the Details.	2	High	M.MADHUMITHA V.LAYASHREE S.Y.NIVETHITHA M.ROSE MISHNA
Sprint-3	Push notification	USN-5	As a user, I will search the food items.	2	Medium	M.MADHUMITHA V.LAYASHREE S.Y.NIVETHITHA M.ROSE MISHNA
Sprint-4	Shown the nutrition details and Recipe for scanned food	USN-6	As a user, I can scan the food an get the nutrition details and recipe for related scanned food.	1	High	M.MADHUMITHA V.LAYASHREE S.Y.NIVETHITHA M.ROSE MISHNA

PROJECT TRACKER, VELOCITY & BURNDOWN CHART

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	20	29.10.2022
SPRINT-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05.11.2022
SPRINT-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	08.11.2022
SPRINT-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	09.11.2022

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)

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies suchas Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

REFERENCE:

https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
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