PROJECT PLANNING PHASE

PROJECT PLAANNING TEMPLATE (Project backlog, Sprint planning, Story points)

Date	05 November 2022
Team Id	PNT2022TMID38250
Project Name	Personal Assistance for Seniors Who Are Self-Reliant.
Maximum marks	8 Marks

Product Backlog, Sprint Schedule and Estimation (4 marks):

Use the below template to create product backlog and sprint schedule

SPRINT	FUNCTIONAL REQUIREMENT (Epic)	USER STORY NUMBER	USER STORY/TASK	STORY POINT	PRIORITY	TEAM MEMBER
Sprint 1	Registration	USN-1	As a user, I can register for the application by entering my email, password and confirming my password	2	High	Divya E
Sprint-1	Login	USN-2	As a user I will login into the application by entering email and password	1	Medium	Swetha D
Sprint-2	Set alarm	USN-3	As a user I can set the alarm to altering a medicine intake	2	High	Abinaya S

Sprint-2	Notification	USN-4	Once I can set the alarm then I get a notification	2	High	Marjuga Parveen M
Sprint 3	Medication details	USN-5	As a user, between setting an alarm using a pillbox, I'll be able to stay on top of medications and not miss a dose	1	Low	Divya E
Sprint 3		USN-6	The user's intake medicines are scheduled as per prescription	2	High	Swetha D
Sprint 4	Tracking	USN-7	The user's details can also be viewed by the respective hospitals	2	High	Abiniya S, Marjuga Parveen M
Sprint 4	Sensor	USN-8	We use the IOT enabled Arduino device for monitoring the system	1	Medium	Divya E

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

SPRINT	TOTAL STORY POINTS	DURATION	SPRNT START DATE	SPRINT END DATE (Planned)	STORY POINTS COMPLETED (as on planned end date)	SPRINT RELEASE DATE(Actual)
Sprint-1	20	4 Days	5/11/22	8/11/22	3	29/10/22
Sprint-2	20	4 Days	8/11/22	12/11/22	4	12/11/22
Sprint-3	20	4 Days	12/11/22	15/11/22	3	15/11/22
Sprint-4	20	4 Days	15/11/22	19/11/22	3	19/11/22

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 such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time