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

Date	19 October 2022
Team ID	PNT2022TMID00975
Project Name	**IoT Based Safety Gadget for Child Safety Monitoring & Notification**
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 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 my password.	2	High	ANJALI K
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	DHARSHINI K M
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	DIVYAVARSHINI K K
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	ABIRAMI S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	DEEPALAKSHMI M
Sprint-1	Dashboard	USN-6	As a user, I can log into the application by entering email & password and access all the resources and services available	2	High	ANJALI K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Login	USN-1	As a user, I log into the application and enter the email address and password for verification.	3	High	DHARSHINI K M
Sprint-2	Dashboard	USN-2	I receive all the information about the coordinates from the child safety API. Updates of the location are maintained consistently.	2	Medium	DIVYAVARSHINI K K
Sprint-3	Login	USN-1	As a SOS controller, I deliver distress notifications to the app user.	3	High	ABIRAMI S
Sprint-3	Dashboard	USN-2	Distress message may contain brief information about the situation with pre-stored message options or could be newly generated	2	Medium	DEEPALAKSHMI M
Sprint-4	Login	USN-1	As an administrator, I ensure that all departments work co-ordinated and ensure the accuracy and efficiency.	3	High	ANJALI K

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	20	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		

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)

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)

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