

Project Planning Phase

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

Date	20 October 2022
Team ID	PNT2022TMID18967
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring and 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	Keerthanaa.A
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Kishore.M
Sprint-1		USN-3	As a user, I can register for the application through Facebook.	2	Low	Rahul Kumar.s
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Nowmiyadharshini.S
Sprint-1	Monitoring	USN-5	As a user, I can monitor the	1	High	Keerthanaa.A

			status of children			
Sprint-2	Login	USN-6	As a user, I can log into the application by entering email & password	1	High	Keerthanaa.A, Kishore.M
Sprint-2	Dashboard	USN-7	As a user, I can see the dashboard that contains the core features.	1	Medium	Rahul Kumar.S, Nowmiyadharshini.S
Sprint-2	Cloud configures	USN-8	Create and configure the IBM Cloud services which are being used in this project.	2	High	Nowmiyadharshini.S
			Connect the IoT device to the IBM cloud, create a device in the IBM Watson IoT platform and get the device credentials	3	Medium	Rahul Kumar.S, Keerthanaa.A
Sprint-3	Notification	USN-9	As a user, I can receive notification when child goes out of range	2	High	Keerthanaa.A, Rahul Kumar.S
Sprint-3	Network Connection	USN-10	The device should be connected to internet always	1	Medium	Kishore.M, Nowmiyadharshini.S
Sprint-4	Administrator	USN-11	As an administrator , I should be able to monitor the location in dashboard and set geofence limits	2	High	Rahul Kumar.S, Nowmiyadhashini.S

			As an admin, I can provide or revoke login credentials	2	Medium	Keerthanaa.A
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Project Tracker, Velocity and Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint start Date	Sprint End Date	Story Points Cpmpleted (as on Planned End Date)	Sprint Release Date(Actual)
Sprint-1	20	7 days	24 Oct 2022	30 Oct 2022	20	30 Oct 2022
Sprint-2	20	7 days	31 Oct 2022	06 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 days	12 Nov 2022	17 Nov 2022	20	17 Nov 2022

Velocity:

AV = sprint duration / velocity

= 20 / 10

= 2