

Project Planning Phase

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

Date	3 November 2022
Team ID	PNT2022TMID47693
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)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint- 1	Simulation	USN-1	As a user, I can install online simulator	1	medium	Janani V
Sprint- 1		USN-2	As a user, I can connect the required parameters in device	1	high	Nivetha V
Sprint- 1		USN-3	As a user, I can activate the device	2	medium	Sowmiya R
Sprint- 1		USN-4	As a user, I will write the code in this stimulation	3	high	Keerthana M
Sprint- 1		USN-5	As a user, I can run the program to check whether the error is present or not.	5	high	Nivetha V
Sprint- 2	Cloud	USN-1	As a user, I create a cloud server	2	medium	Keerthana M
Sprint- 2		USN-2	As a user, I can enter the device specification in the created cloud	2	medium	Janani V
Sprint- 2		USN-3	As a user, I can integrate device into this cloud.	3	high	Keerthana M

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Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint- 2		USN-4	As a user, I can connect device through wifi to the cloud.	5	high	Nivetha V
Sprint- 3	Programming Tool	USN-1	As a programmer, I can provide a browser-based editor.	2	low	Janani V
Sprint- 3		USN-2	As an editor, I can easy to wire together flows using the wide range of nodes in the palette.	3	medium	Sowmiya R
Sprint- 3		USN-3	I can be deployed to its runtime in a single click.	5	high	Keerthana M
Sprint- 3	Platform	USN-1	As a programmer, I can use Node.js platform.	3	medium	Sowmiya R
Sprint- 3		USN-2	As a user, I can integrate the geofence nodes in the palette.	3	high	Nivetha V
Sprint- 3		USN-3	As a programmer, I can communicate through HTTP to the tool.	2	medium	Sowmiya R
Sprint- 4	API	USN-1	As a user, I can generate API tokens through cloud.	3	medium	Keerthana M
Sprint- 4		USN-2	As a user, I use API keys to integrate the programming tool.	3	medium	Sowmiya R
Sprint- 4		USN-3	As a user, I can register SMS services.	2	high	Nivetha V
Sprint- 4	SMS	USN-1	As a user, I can send messages through API to the client number.	2	high	Keerthana M
Sprint- 4		USN-2	As a user, I can receive messages through inform of SMS.	2	high	Janani V

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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	12	6 Days	24 Oct 2022	29 Oct 2022	12	29 Oct 2022
Sprint-2	12	6 Days	31 Oct 2022	05 Nov 2022	12	31 Oct 2022
Sprint-3	18	6 Days	07 Nov 2022	12 Nov 2022	18	12 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022	12	19 Nov 2022

Velocity:

AV for sprint-1 = $12/6 = 2$ points

AV for sprint-2 = $12/6 = 2$ points

AV for sprint-3 = $18/6 = 3$ points

AV for sprint-4 = $12/6 = 2$ points