

Project Planning Phase

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

Date	09 November 2022
Team ID	PNT2022TMID23814
Project Name	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	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S
Sprint- 1		USN-2	As a user, I can connect the required parameters in device	1	high	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S
Sprint- 1		USN-3	As a user, I can activate the device	2	medium	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S
Sprint- 1		USN-4	As a user, I will write the code in this stimulation	3	high	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S
Sprint- 1		USN-5	As a user, I can run the program to check whether the error is present or not.	5	high	Gowsiga.V Cherreddy Tejasri,Gopika

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						R, Harshanaa .S
Sprint- 2	Cloud	USN-1	As a user, I create a cloud server	2	medium	Gowsiga.V Chereddy Tejasri,Gopika R, Harshanaa .S
Sprint- 2		USN-2	As a user, I can enter the device specification in the created cloud	2	medium	Gowsiga.V Chereddy Tejasri,Gopika R, Harshanaa .S
Sprint- 2		USN-3	As a user, I can integrate device into this cloud.	3	high	Gowsiga.V Chereddy Tejasri,Gopika R, Harshanaa .S

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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	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S
Sprint- 3	Programming Tool	USN-1	As a programmer, I can provide a browser-based editor.	2	low	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S
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	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S
Sprint- 3		USN-3	I can be deployed to its runtime in a single click.	5	high	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S
Sprint- 3	Platform	USN-1	As a programmer, I can use Node.js platform.	3	medium	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S
Sprint- 3		USN-2	As a user, I can integrate the geofence nodes in the palette.	3	high	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S
Sprint- 3		USN-3	As a programmer, I can communicate through HTTP to the tool.	2	medium	Gowsiga.V Cherreddy Tejasri,Gopika R, Harshanaa .S

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Sprint- 4	API	USN-1	As a user, I can generate API tokens through cloud.	3	medium	Gowsiga.V Chereddy Tejasri,Gopika R, Harshanaa .S
Sprint- 4		USN-2	As a user, I use API keys to integrate the programming tool.	3	medium	Gowsiga.V Chereddy Tejasri,Gopika R, Harshanaa .S
Sprint- 4		USN-3	As a user, I can register SMS services.	2	high	Gowsiga.V Chereddy Tejasri,Gopika R, Harshanaa .S
Sprint- 4	SMS	USN-1	As a user, I can send messages through API to the client number.	2	high	Gowsiga.V Chereddy Tejasri,Gopika R, Harshanaa .S
Sprint- 4		USN-2	As a user, I can receive messages through inform of SMS.	2	high	Gowsiga.V Chereddy Tejasri,Gopika R, Harshanaa .Ss

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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	02 Nov 2022	09Nov2022	12	04Nov 2022
Sprint-2	12	6 Days	03 Nov 2022	09 Nov 2022	12	10 Nov 2022
Sprint-3	18	6 Days	04 Nov 2022	09 Nov 2022	18	16 Nov 2022
Sprint-4	12	6 Days	06 Nov 2022	09 Nov 2022	12	21 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