

## Project Planning Phase

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

Date	30 October 2022
Team ID	PNT2022TMID33201
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	Registration	USN-1	As a user, I can register for the application by entering my email, and password, and confirming my password.	4	High	JEYAKANTHAN M
Sprint-1	Confirmation Email	USN-2	As a user, I will receive a confirmation email once I have registered for the application	4	High	HARI PRAKASH M
Sprint-1	Authentication	USN-3	As a user, I can register for the application through Gmail and mobile app.	4	Medium	GOKUL VINAYAGAM M
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	IJASH MOHAMED I

Sprint-1	Dashboard	USN-1	As a user, I need to be able to view the functions that I can perform	4	High	HARI PRAKASH M
Sprint-2	Notification	USN-1	As a user, I should be able to notify my parent and guardian in emergency situations	10	High	GOKUL VINAYAGAM M
Sprint-2	Store data	USN-2	As a user, I need to continuously store my location data into the database.	10	Medium	JEYAKANTHAN M
Sprint-3	Communication	USN-3,1	I should be able to communicate with my parents	6	Low	HARI PRAKASH M, GOKUL VINAYAGAM M
Sprint-3	IoT Device – Watson communication	USN-1,4	The data from IoT device should reach IBM Cloud	7	Medium	HARI PRAKASH M IJASH MOHAMED I
Sprint-3	Node RED- Cloudant DB communication	USN-1,2	The data stored in IBM Cloud should be properly integrated with Cloudant DB	7	High	JEYAKANTHAN M IJASH MOHAMED I
Sprint-4	User – WebUI interface	USN-1,4	The Web UI should get inputs from the user	6	High	JEYAKANTHAN M GOKUL VINAYAGAM M

Sprint-4	Geofencing	USN-2,3,1	The geofencing of the child should be done based on the geographical coordinates	7	High	IJASH MOHAMED I, GOKUL VINAYAGAM M JEYAKANTHAN M
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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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	10	2 NOV 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	10	9 NOV 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 NOV 2022