

## PROJECT PLANNING PHASE

### Sprint Delivery Plan

Date	11-11-2022
Team ID	PNT2022TMID31679
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

#### Product Backlog, Sprint Schedule, and Estimation

Use the below template to create a 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, and password, and confirming my password.	4	High	RAGHUPAL V
Sprint-1	Confirmation Email	USN-2	As a user, I will receive a confirmation email once I have registered for the application	4	High	ARUL JENIN A
Sprint-1	Authentication	USN-3	As a user, I can register for the application through Gmail and mobile app.	4	Medium	DEENA V
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	MIRUDHULLA K
Sprint-1	Dashboard	USN-5	As a user, I need to be able to view the functions that I can perform	4	High	DEENA V
Sprint-2	Notification	USN-1	As a user, I should be able to notify my parent and guardian in emergency situations	10	High	ARUL JENIN A
Sprint-2	Store data	USN-2	As a user, I need to continuously store my location data into the database.	10	Medium	RAGHUPAL V
Sprint-3	Communication	USN-3,1	I should be able to communicate with my parents	6	Low	MIRUDHULLA K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	IoT Device – Watson communication	USN-1,4	The data from IoT device should reach IBMCloud	7	Medium	RAGHU PAL V, ARUL JENIN A
Sprint-3	Node RED-CloudantDB communication	USN-5,2	The data stored in IBM Cloud should be properly integrated with Cloudant DB	7	High	DEENA V, MIRUD HULLA K
Sprint-4	User – WebUI interface	USN-1,4	The Web UI should get inputs from the user	6	High	RAGHU PAL V, DEENA V
Sprint-4	Geofencing	USN-2,3,5	The geofencing of the child should be done based on the geographical coordinates	7	High	ARUL JENIN A, MIRUD HULLA K

**Project Tracker, Velocity & Burndown Chart:**

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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022