

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID14810
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & 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	Sowmiya, Rithika, Swetha, Shyamala
Sprint-1	User confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sowmiya, Rithika, Swetha, Shyamala
Sprint-2	user login	USN-3	Setting up user ID and password	1	high	Sowmiya, Rithika, Swetha, Shyamala
Sprint-1	App permission	USN-4	Grant the permission to access the app to check out the location of the children.	2	Medium	Sowmiya, Rithika, Swetha, Shyamala
Sprint-1	Interfacing	USN-5	Connecting the device with the registered Application.	1	High	Sowmiya, Rithika, Swetha, Shyamala

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Setting Geofence	USN-6	Setting up geofence location and its coordinates	2	Medium	Sowmiya, Rithika, Swetha, Shyamala
Sprint 4	user notification	USN -7	To develop a module to notify the user in case of possible emergency	2	High	Sowmiya, Rithika, Swetha, Shyamala
Sprint 2	Tracking location	USN-8	Live location can be tracked using sensor	1	High	Sowmiya, Rithika, Swetha, Shyamala

**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	20	04 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022