

Project Planning Phase

Sprint Delivery Plan

Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring and Notification
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Product Backlog, Sprint Schedule, and Estimation

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.	4	High	Thamarai Selvi.M
Sprint-1	Confirmation	USN-2	As a user, I will receive a confirmation email once I have registered for the application	4	High	Shri Nandha Parvatha.K
Sprint-2		USN-3	As a user, I can register for the application through Facebook	10	Low	Sujitha.P
Sprint-1		USN-4	As a user, I can register for the application through Gmail	4	Medium	Vinitha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-5	As a user, I can log into the application by entering my email & password	4	High	Shri Nandha Parvatha.K
Sprint-2	Dashboard	USN-6	As a User, I can Navigate to the Dashboard after successfully Login to the Application.	10	High	Thamarai Selvi.M
Sprint-1	Notification	USN-7	As a user when there is an anomalous situation with the child, a notification will be received through the fencing application.	4	High	Sujitha.P
Sprint - 3	Support	USN-8	As a User, I can connect with experts to clear Queries, they assist to overcome challenges by scanning for any glitches and monitoring the operation and by checking if all the users are authorized.	10	Medium	Vinitha
Sprint - 3	Login	USN-9	As an Administrator, I can set the Geofence Location Limit and make sure the database encompassing the locations is secure, factual and updated constantly.	10	High	Thamarai Selvi

Project Tracker, Velocity :

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

Velocity:

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

