

Project Planning Phase

Project Planning

Date	10 November 2022
Team ID	PNT2022TMID52173
Project Name	IoT based safety gadget for child monitoring and 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	User Registration	USN-1	Registration through website Registrartion through app	2	High	Premkumar Paneer selvam Jijo Aswin
Sprint-1	User Confirmation	USN-2	Confirmation via Email confirmation via OTP	1	High	Premkumar Paneer selvam Jijo Aswin
Sprint-2	User login	USN-3	Setting up User id and password	2	Low	Premkumar Paneer selvam Jijo Aswin
Sprint-1	App permission	USN-4	Grant the permission for the app to access location,contact etc	2	Medium	Premkumar Paneer selvam Jijo Aswin
Sprint-1	Interface with the device	USN-5	Connecting the device with the registered app with the device ID	1	High	Premkumar Paneer selvam

						Jijo Aswin
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
<i>Sprint-2</i>	<i>Setting geo-location</i>	<i>USN-6</i>	Creating the Geo-location area in the map	2	Low	Premkumar Paneer selvam Jijo Aswin
<i>Sprint-3</i>	<i>Database</i>	<i>USN-7</i>	<i>Location history is stored in the cloud.can be accessed from the dashboard</i>	2	High	Premkumar Paneer selvam Jijo Aswin
<i>Sprint-4</i>	Tracking location	USN-8	Tracking the location through app.Tracking the location through website	2	High	Premkumar Paneer selvam Jijo Aswin

Project Tracker, Velocity & Burndown Chart: (4 Marks)

<i>Sprint</i>	<i>Total Story Points</i>	<i>Duration</i>	<i>Sprint Start Date</i>	<i>Sprint End Date (Planned)</i>	<i>Story Points Completed (as on Planned End Date)</i>	<i>Sprint Release Date (Actual)</i>
<i>Sprint-1</i>	16	1 Day	11 Nov 2022	11 Nov 2022	12 Nov 2022	11 Nov 2022
<i>Sprint-2</i>	16	2 Days	12 Nov 2022	13 Nov 2022	14 Nov 2022	13 Nov 2022
<i>Sprint-3</i>	16	2 Days	14 Nov 2022	15 Nov 2022	16 Nov 2022	15 Nov 2022
<i>Sprint-4</i>	8	2 Days	16 Nov 2022	18 Nov 2022	18 Nov 2022	18 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Total Sprint Points = 56

Total Sprint =4

Average Velocity=56/4 = 14

