

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)

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>	<i>20</i>	<i>6 Day</i>	<i>24 Oct 2022</i>	<i>29 Oct 2022</i>	<i>20</i>	<i>29 Oct 2022</i>
<i>Sprint-2</i>	<i>20</i>	<i>6 Days</i>	<i>31 Oct 2022</i>	<i>05 Nov 2022</i>	<i>20</i>	<i>05 Nov 2022</i>
<i>Sprint-3</i>	<i>20</i>	<i>6 Days</i>	<i>07 Oct 2022</i>	<i>12 Nov 2022</i>	<i>20</i>	<i>12 Nov 2022</i>
<i>Sprint-4</i>	<i>20</i>	<i>6 Days</i>	<i>14 Nov 2022</i>	<i>19 Nov 2022</i>	<i>20</i>	<i>18 Nov 2022</i>

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)

$$\text{Average Velocity} = 20/10 = 2$$

