

**PROJECT PLANNING PHASE**  
**PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)**

DATE	26 OCTOBER 2022
TEAM ID	PNT2022TMID20466
PROJECT NAME	IOT BASED SAFETY GADGET FOR CHILDSAFETY MONITORING AND NOTIFICATION
TEAM LEADER	MONALISA M
TEAM MEMBERS	KIRUTHIKA D MADHUSRI J RAHAMATH SHIHANA S

**Product Backlog, Sprint Schedule, and Estimation**

SPRINT	FUNCTIONAL REQUIREMEN T (EPIC)	USER STORY NUMBER	USER STORY / TASK	STORY POINTS	PRIORIT Y	TEAM MEMBERS
Sprint-1	Login	USN-1	As a customer, I might ensure login credential through gmail ease manner for the purpose of sending alert message to the parents or guardians (or) informing through normal message.	2	High	Monalisa M Madhusri J

Sprint-1	Registration	USN-2	As a user, I have to registered my details and tools details in a simple and easy manner by considering the safety of child, this registered system sends notification to the parents.	2	High	Kiruthika D Rahamath Shihaha S
Sprint-2	Dashboard	USN-3	As a user, In case of any emergency situation parents(I) must get the alert notification and location of the child.	3	Medium	Monalisa M Madhusri J Kiruthika D Rahamath Shihaha S
Sprint-3	Dashboard	USN-4	As a user, I(parent) need to safeguard child and tracking the child's location and it is important to notify near police station incase of more emergency .	2	High	Kiruthika D Madhusri J
Sprint-3	Dashboard	USN-5	As a user, Its good to have a IOT based system to safeguard monitoring without presence of parent.	2	High	Monalisa M Rahamath Shihana S
Sprint -4	Monitoring the environment	USN 1	User can monitor the situation of the environment from a dashboard that displays sensor information about the environment and child health.	2	High	Madhusri J Rahamath Shihaha S
Sprint- 4	Event Notification	USN 6	Sending an alert SMS to the parents and guardians in case of panic situation.	2	High	Monalisa M Kiruthika D

### Project Tracker, Velocity & Burndown Chart:

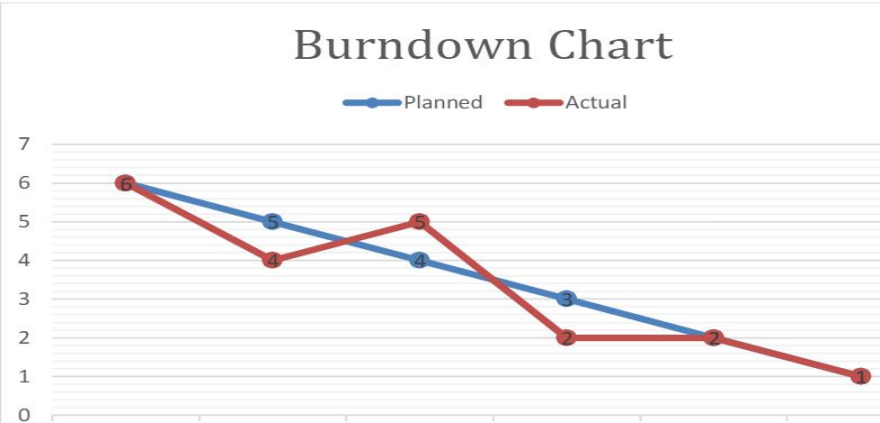
SPRINT	TOTAL STORY POINTS	DURATION	SPRINT START DATE	SPRINT END DATE (PLANNED)	STORY POINTS COMPLETED (AS PLANNED ON END DATE)	SPRINT RELEASE DATE (ACTUAL)
Sprint-1	20	4 Days	04 Nov 2022	07 Nov 2022	12	07 Nov 2022
Sprint-2	20	4 Days	07 Nov 2022	10 Nov 2022	14	10 Nov 2022
Sprint-3	20	4 Days	10 Nov 2022	13 Nov 2022	15	13 Nov 2022
Sprint-4	20	4 Days	14 Nov 2022	17 Nov 2022	12	17 Nov 2022

### Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 15 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$6AV=1.5$$

Burndown Chart:



Nov 22	Nov 22	Nov 22	Nov 22	Nov 22
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