

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

Date	25October2022
Team ID	PNT2022TMID41842
Project Name	IoT Based Safety Gadget For Child Safety Monitoring and notification
Maximum Marks	8Marks

Product Backlog, Sprint Schedule, and Estimation(4Marks)

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	Data Collection	USN-1	Collect data. Explanation and overview of sprint delivery plan.	9	High	DHARANI B KATHIRAVA N R
Sprint-1	And GPS locator process.	USN-2	Set GPS locator on the device to identify where the boy is going.	8	Medium	AMARNATH L HARISHKUMAR U
Sprint-2	Mobile call intimation	USN-3	Mobile call intimation to the parent.	10	High	HARISHKUMAR U DHARANI B
Sprint-2	Mobile call feature	USN-4	Adding a certain ordinary mobile feature in a device to speak what happened there.	7	Medium	AMARNATH L KATHIRAVA N R
Sprint-3	Notification	USN-5	To create a button in that device to sending a notification to the kid's parents.	9	High	KATHIRAVAN R HARISHKUMAR U
Sprint-4	Implementation of the device(Testing and deployment)	USN-6	Diagrammatic overview of sprint delivery plan.	8	Medium	DHARANI B AMARNAT H L

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

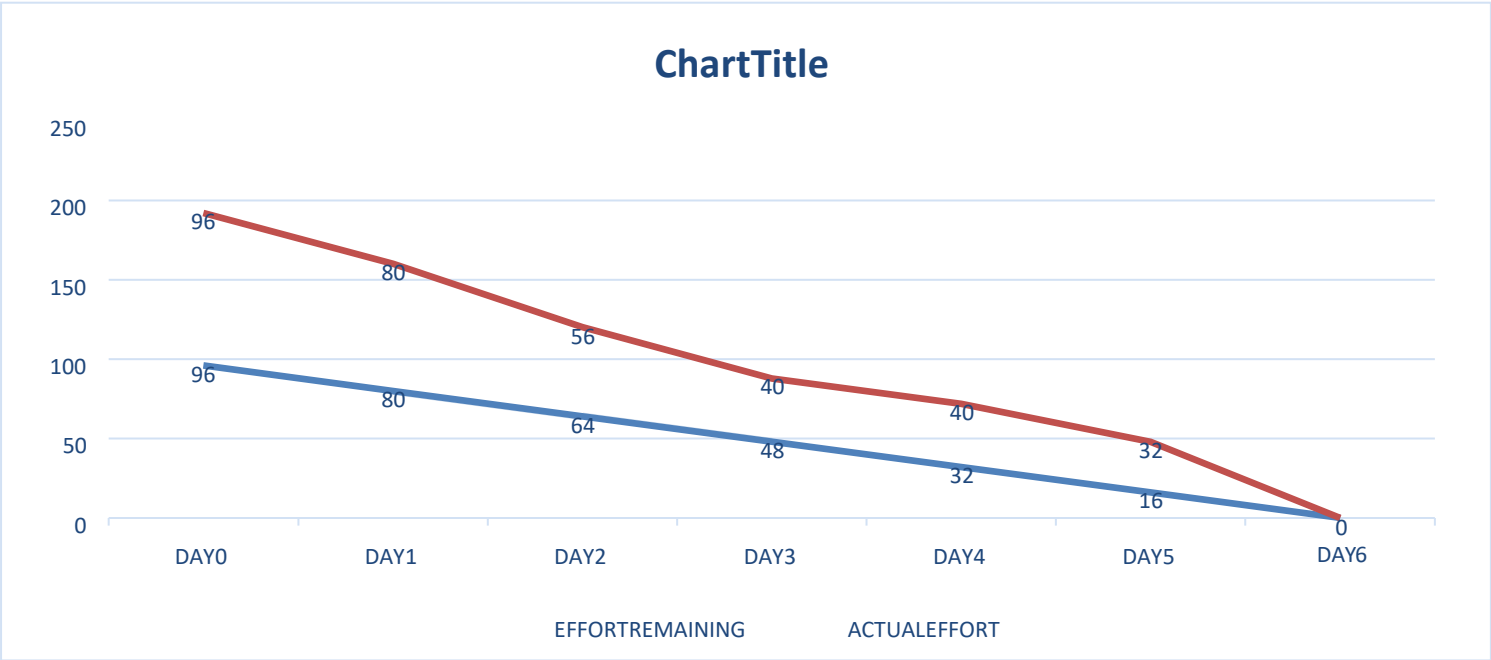
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date(Actual)
Sprint-1	10	6Days	24 Oct2022	29 Oct2022	8	29 Oct2022
Sprint-2	10	6Days	31 Oct2022	04 Nov2022	5	04 Nov2022
Sprint-3	10	6Days	07 Nov2022	11 Nov2022	7	11 Nov2022
Sprint-4	10	6Days	14 Nov2022	18 Nov2022	5	18 Nov2022

VELOCITY:

$$AV = \frac{\text{sprint duration}}{\text{velocity}}$$

$$AV = \frac{6}{10} = 0.6$$

Burndownchart:



SPRINTBURNDOWNCHART:

