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

Date	18 October 2022
Team ID	PNT2022TMID23712
Project Name	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION.
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)
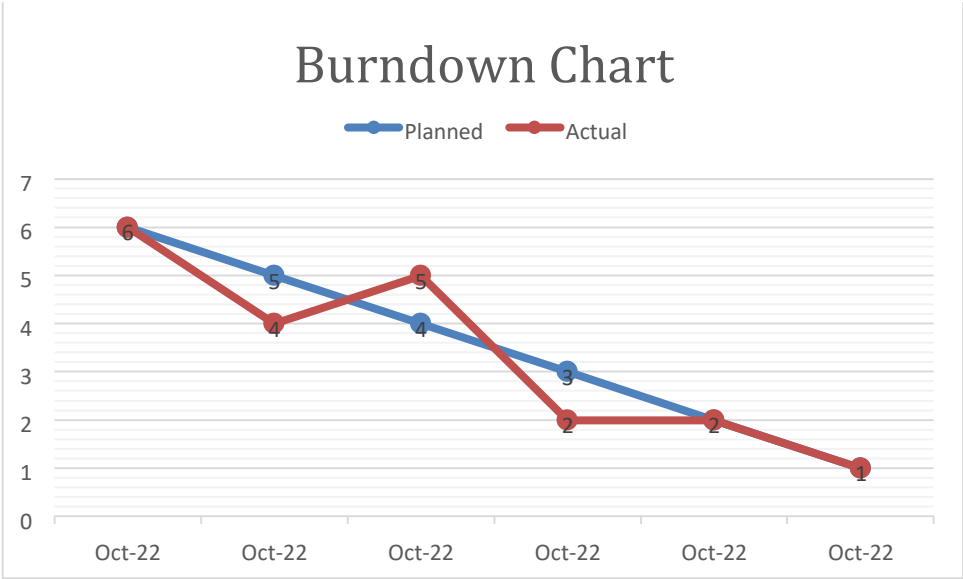
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, and password, and confirming my password.	4	High	JAYASHRI GA, ANISHA M
Sprint-1	Confirmation Email	USN-2	As a user, I will receive a confirmation email once I have registered for the application	4	High	JAYASHRI GA, ANISHA M
Sprint-1	Authentication	USN-3	As a user, I can register for the application through Gmail and mobile app.	4	Medium	JAYASHRI GA, ANISHA M
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	JAYASHRI GA, ANISHA M
Sprint-1	Dashboard	USN-5	As a user, I need to be able to view the functions that I can perform	4	High	JAYASHRI GA, ANISHA M
Sprint-2	Notification	USN-1	As a user, I should be able to notify my parent and guardian in emergency situations	10	High	JAYASHRI GA , JEEVITHA M
Sprint-2	Store data	USN-2	As a user, I need to continuously store my location data into the database.	10	Medium	JAYASHRI GA , JEEVITHA M
Sprint-3	Communication	USN-3,1	I should be able to communicate with my parents	6	Low	JAYASHRI GA, HARSHINI G

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	IOT Device – Watson communication	USN-1,4	The data from IOT device should reach IBM Cloud	6	Medium	JAYASHRI GA, HARSHINI G
Sprint-3	Node RED- Cloudant DB communication	USN-5,2	The data stored in IBM Cloud should be properly integrated with Cloudant DB	6	High	JAYASHRI GA, HARSHINI G
Sprint-4	User – WebUI interface	USN-1,4	The Web UI should get inputs from the user	7	High	JAYASHRI GA
Sprint-4	Geofencing	USN-2,3,5	The geofencing of the child should be done based on the geographical coordinates	7	High	JAYASHRI GA

Project Tracker, Velocity & Burn down 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	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

Burn down Chart:

	A	B	C	D	E	F
1		Time		Tasks		
2	Day	Dates	Planned	Actual		
3	Mon	Oct-22	6	6		
4	Tue	Oct-22	5	4		
5	Wed	Oct-22	4	5		
6	Thurs	Oct-22	3	2		
7	Friday	Oct-22	2	2		
8	Saturday	Oct-22	1	1		
9						
10						
11						