

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

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	Create and Configure IBM Cloud Services	USN-1	As a user I need to enroll the cloud registration	3	HIGH	Monalisa M
Sprint-1		USN-2	As a user, I will create IBM cloud account.	2	MEDIUM	Monalisa M
Sprint-1		USN-3	After creating cloud account launch IBM Watson IOT platform by accessing cloud account	5	HIGH	Madhusri J
Sprint-1		USN-4	Create the node in IBM Watson platform	7	HIGH	Kiruthika D
Sprint-1		USN-5	After Creating node get device Type and id	1	LOW	Rahamath Shihana S

Sprint-1		USN-6	Simulate the node created	3	MEDIUM	Rahamath Shihana S
Sprint-2	Create and access Node-Red	USN-7	As a user ,I can create Node-red by app deployment	5	HIGH	Madhusri J
Sprint-2		USN-8	Connect IBM Watson with node red through API key	2	LOW	Kiruthika D
Sprint-2		USN-9	Design the project flow using Node-Red	7	HIGH	Monalisa M
Sprint-2		USN-10	Check for the proper connections and the output in the node red application	3	MEDIUM	Madhusri J
Sprint-3	Create A Database in Cloudant DB	USN-11	Launch the Cloudant DB and Create database to store the location data	4	HIGH	Rahamath Shihana S
Sprint-3	Develop the Python script	USN-12	Install the python software	2	LOW	Madhusri J
Sprint-3		USN-13	Develop the python scripts to publish details to IBM IoT Platform	6	HIGH	Kiruthika D
Sprint-3		USN-14	Integrate the device id, authentication token in python script	2	LOW	Madhusri J
Sprint-3		USN-15	Develop the python code for publishing the location (latitude & longitude) to IBM IoT Platform	8	HIGH	Monalisa M
Sprint-4	Create the mobile application using MIT App Inventor	USN-16	Develop the mobile application using MIT App Inventor	5	HIGH	Rahamath Shihana S
Sprint-4		USN-17	Connect to the IBM IoT Platform and get the location and Store the data in the Cloudant	2	MEDIUM	Kiruthika D
Sprint-4		USN-18	Create the geofence and Google map for location identification	8	HIGH	Monalisa M
Sprint-4		USN-19	Integrate the geofence and Google map to check if the child is inside or outside the geofence	11	HIGH	Monalisa M
Sprint-4		USN-20	Send the notifications if the child is outside the geofence	4	HIGH	Madhusri J

Project Tracker, Velocity & Burndown Chart

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	21	6 Days	24 Oct 2022	29 Oct 2022	21	29 Oct 2022
Sprint-2	17	6 Days	31 Oct 2022	05 Nov 2022	17	05 Nov 2022
Sprint-3	22	6 Days	07 Nov 2022	12 Nov 2022	22	12 Nov 2022
Sprint-4	30	6 Days	14 Nov 2022	19 Nov 2022	30	19 Nov 2022