Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID46169
Project Name	IOT BASED SAFETY GADGET FOR CHILD MONITORING AND NOTIFICATION
Maximum Marks	8 Marks

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

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 enrol the cloud registration	3	HIGH	V.C.PRAVEEN
Sprint-1		USN-2	As a user, I will create IBM cloud account.	2	MEDIUM	V.C.PRAVEEN
Sprint-1		USN-3	After creating cloud account launch IBM Watson IOT platform by accessing cloud account	5	HIGH	R.MADHAN DEEPAK
Sprint-1		USN-4	Create the node in IBM Watson platform	7	HIGH	I.STEPHEN HEART
Sprint-1		USN-5	After Creating node get device Type and id	1	LOW	DHARMARAJ
Sprint-1		USN-6	Simulate the node created	3	MEDIUM	DHARMARAJ
Sprint-2	Create and access Node-Red	USN-7	As a user ,I can create Node-red by app deployment	5	HIGH	R.MADHAN DEEPAK
Sprint-2		USN-8	Connect IBM Watson with node red through API key	2	LOW	V.C.PRAVEEN
Sprint-2		USN-9	Design the project flow using Node-Red	7	HIGH	DHARMARAJ
Sprint-2		USN-10	Check for the proper connections and the output in the node red application	3	MEDIUM	I.STEPHEN HEART

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Create A Database in Cloudant DB	USN-11	Launch the Cloudant DB and Create database to store the location data	4	HIGH	R.MADHAN DEEPAK
Sprint-3	Develop the Python script	USN-12	Install the python software	2	LOW	I.STEPHEN HEART
Sprint-3		USN-13	Develop the python scripts to publish details to IBM IoT Platform	6	HIGH	DHARMARAJ
Sprint-3		USN-14	Integrate the device id, authentication token in python script	2	LOW	R.MADHAN DEEPAK
Sprint-3		USN-15	Develop the python code for publishing the location (latitude & longitude) to IBM IoT Platform	8	HIGH	V.C.PRAVEEN
Sprint-4	Create the Web application using Node Red	USN-16	Develop the Web application using Node red	5	HIGH	I.STEPHEN HEART
Sprint-4		USN-17	Connect to the IBM IoT Platform and get the location and Store the data in the Cloudant	2	MEDIUM	V.C.PRAVEEN
Sprint-4		USN-18	Create the geofence and Google map for location identification	8	HIGH	DHARMARAJ
Sprint-4		USN-19	Integrate the geofence and Google map to check if the child is inside or outside the geofence	11	HIGH	R.MADHAN DEEPAK
Sprint-4		USN-20	Send the notifications if the child is outside the geofence	4	HIGH	I.STEPHEN HEART

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	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