Project planning Phase

Project planning Template, (Product Backlog, Sprint Planning, Stories, story points)

Date	31 October 2022
Team ID	PNT2022TMID45682
Project Name	Natural Intensity Analysis and Classification Using Artificial Intelligence
Maximum Marks	8 Marks

Project 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
Sprint-I	Create and configure IBM cloud services	USN-I	As a user i need to enrol the cloud registration	3	HIGH
Sprint-I		USN-2	As a user, I will create IBM cloud account	2	MEDIUM
Sprint-I		USN-3	After creating cloud account launch IBM Watson Al platform by accessing cloud account	5	HIGH
Sprint-I		USN-4	Create the node in IBM Watson platform	7	HIGH
Sprint-I		USN-5	After creating node get device type and id	1	LOW
Sprint-I		USN-6	Simulate the node created	3	MEDIUM
Sprint-2	Create and access node-red	USN-7	As a user, I can create deep learning by app deployment	5	HIGH
Sprint-2		USN-8	Connect IBM Watson with deep learning through API key	2	LOW
Sprint-2		USN-9	Design the project flow using deep learning	7	HIGH
Sprint-2		USN-IO	Check for the proper connections and the output in the node red application	3	MEDIUM
Sprint-3	Create a database in Cloudant DB	USN-Il	Launch the cloudant DB and create database to store the location data	4	HIGH
Sprint-3	Devalop the Python script	USN-12	Install the python software	2	LOW
Sprint-3		USN-13	Develop the python flask to publish details to IBM Al platform	6	HIGH

Sprint-3		USN-14	Integrate the device ID , authentication token in python flask	2	LOW
Sprint-3		USN-15	Develop the python code for publishing the location (latitude & longitude) to IBM Al platform	8	HIGH
Sprint-4	Create the Web application using node Red	USN-16	Develop the web application using deep learning	5	HIGH
Sprint-4		USN-17	Connect the IBM Al platform and get the location and store the data in the cloudant	2	MEDIUM
Sprint-4		USN-18	Create the multilayed deep convolution nural network mode Ithat tells the intensity of disaster and google map to check if the child is inside or outside the	8	HIGH
Sprint-4		USN-19	Integrate the type of disaster is identified and show cased on the open cv window Google map to check if the child is inside or outside the	11	HIGH
Sprint-4		USN-20	Send the notification is the web cam to capture the vedio frame	4	HIGH

Sprint	Total story points	Duration	Sprint start date	Sprint End Date(planned)	Story point completed (as planned End date)	Sprint Release Date (Actual)
Sprint-I	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	14 Nov 2022	22	12 Nov 2022
Sprint-4	30	6 Days	14 Nov 2022	19 Nov 2022	30	19 Nov 2022

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