Project planning Phase

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

Date	30 October 2022
Team ID	PNT2022TMID49983
Project Name	Natural disaster intensity analysis 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	Team Members
Sprint-1	Create and configure IBM cloud services	USN-1	As a user i need to enrol the cloud registration	3	HIGH	R. sarnitha
Sprint-1		USN-2	As a user, I will create IBM cloud account	2	MEDIUM	R. sarnitha
Sprint-1		USN-3	After creating cloud account launch IBM Watson AI platform by accessing cloud account	5	HIGH	P.prabavathi
Sprint-1		USN-4	Create the node in IBM Watson platform	7	HIGH	P.prabavathi
Sprint-1		USN-5	After creating node get device type and id	1	LOW	R.sarnitha
Sprint-1		USN-6	Simulate the node created	3	MEDIUM	P.prabavathi
Sprint-2	Create and access node-red	USN-7	As a user, I can create deep learning by app deployment	5	HIGH	R.sarnitha
Sprint-2		USN-8	Connect IBM Watson with deep learning through API key	2	LOW	P.prabavathi
Sprint-2		USN-9	Design the project flow using deep learning	7	HIGH	P.prabavathi
Sprint-2		USN-10	Check for the proper connections and the output in the node red application	3	MEDIUM	R.sarnitha
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.sarnitha
Sprint-3	Devalop the Python script	USN-12	Install the python software	2	LOW	P.prabavathi

Sprint-3		USN-13	Develop the python flask to publish details to IBM AI platform	6	HIGH	P.prabavathi
Sprint-3		USN-14	Integrate the device ID , authentication token in python flask	2	LOW	R.sarnitha
Sprint-3		USN-15	Develop the python code for publishing the location (latitude & longitude) to IBM AI platform	8	HIGH	R.sarnitha
Sprint-4	Create the Web application using node Red	USN-16	Develop the web application using deep learning	5	HIGH	P.prabavathi
Sprint-4		USN-17	Connect the IBM AI platform and get the location and store the data in the cloudant	2	MEDIUM	R.sarnitha
Sprint-4		USN-18	Create the multilayed deep convolution nural network mode lthat tells the intensity of disaster and google map to check if the child is inside or outside the	8	HIGH	P.prabavathi
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	B.Subasri
Sprint-4		USN-20	Send the notification is the web cam to capture the vedio frame	4	HIGH	R.renuga Devi

Sprint	Total story points	Duration	Sprint start date	Sprint End Date(planned)	Story point completed (as 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	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)

Submitted by,

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