ProjectPlanningPhase

Project Planning Template(Product Backlog, Sprint Planning, Stories, Storypoints)

Date	16 NOVEMBER2022
Team ID	PNT2022TMID50079
Project Name	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule and Estimation(4Marks)

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	Registration	USN-1	As a user, I can register for the application by email and Mobile number.	20	High	Nagammal.S
Sprint-2	Web Application	USN-2	Create a web applicationthrough which the user interact with the device	20	Low	Narmatha.T
Sprint-3	Configure to Device	USN-3	Create and Configure IBMCloud Service with devices	20	Medium	Nasima.M
Sprint-4	To store the location data	USN-4	The entire location data willbe store in Database Notifies the parent if the goesout of Geofence	20	High	Sornam.M

Project Tracker, Velocity & Burn down Chart:(4Marks)

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	6Days	24Oct2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6Days	31Oct2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6Days	07Nov2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6Days	14Nov2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imaginewehavea10-daysprintduration,andthevelocityoftheteamis20(pointspersprint).Let'scalculatetheteam'saveragevelocity(AV)periterationunit(storypointsper day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$