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

Date	14 November 2022
Team ID	PNT2022TMID43224
Project Name	Iot based smart crop protection for agriculture
Maximum Marks	4 Marks

Product Backlog,Sprint Schedule, and Estimation:

Sprint	Function requirment (Epic)	User story Number	User story / Task	Story point	Priority	Team Members
Sprint - 1	Registration	USN-1	As a user.I can register for the application by entering my email , password , and confirming my password.	5	High	K.Dayana
Sprint - 1	Login page	USN-2	As a user , enter the username and password which is already existing	5	High	S.Priyamani k.Dayana, G.Sabitha, R.Joshva nimalan S.Kabishika
Sprint - 2	Sensing moisture condition of the soil	USN-3	As a user, We can know about soil moisture condition , controling the motor pump for water flow by using mobile application	20	High	S.Kabishika K.Dayana
Sprint - 3	Detecting the motion in certain range	USN-4	Fencing system are helpful in providing security against animals and birds.	20	High	G.Sabitha S.Priyamani
Sprint - 4	Checking the crops condition	USN-5	Here farmer needs to update the condition of crops	20	High	R.Joshva nimalan

PROJECT TRACKER,VELOCITY & BURNDOWN CHART:

Sprint	Total story points	Duration	Sprint state date	Sprint end date	Story points completed	Sprint release date
Sprint 1	20	6 Days	22 Oct 2022	27 Oct 2022	20	29 Oct 2022
Sprint 2	20	6 Days	31 Oct 2022	06 Nov 2022	35	30 Oct 2022
Sprint 3	20	6 Days	07 Nov 2022	12 Nov 2022	48	06 Nov 2022
Sprint 4	20	6 Days	14 Nov 2022	19 Nov 2022	50	08 Nov 2022

VELOCITY:

AV=Sprint duration/velocity
=20/10
=2

BURNDOWN CHART: