

Project planning phase
Sprint delivery plan

Date	21October 2022
TeamID	PNT2022TMID47605
ProjectName	Smart Farmer-IOT Enabled Smart Farming Application
MaximumMarks	8 Marks

ProductBacklog,Sprint Schedule,andEstimation(4Marks)

Sprint	Functional Requirement (Epic)	User Story Number	UserStory/Task	Story Points	Priority	TeamMember
Sprint-1	Registration(FarmerMobileUser)	UNS-1	As a user, I can register for the application by entering my email,password, and confirming my password.	2	High	S.pavithra(Leader)
Sprint-1	Login	UNS-2	As a user, I will receive confirmation email once I have registered For the application	1	High	N.Annapoorani (Member 1)

Sprint-2	UserInterface	UNS-3	As a user, I can register for the application through Facebook	3	Low	Alagumeena (Member 2)
Sprint-1	DataVisualization	UNS-4	As a user, I can register for the application through GMAIL	2	Medium	Priyanka (Member3)
Sprint-3	Registration(Farmer - WebUser)	USN -1	As a user, I can log into the application by entering email and password	3	High	Nisha (Member4)
Sprint -2	Login	USN -2	As a registered user, I need to easily login to my registered account via the webpage in minimum time	3	High	Pavithra (Leader)
Sprint -4	WebUI	USN -3	As a user, I need to have a friendly user interface to easily view and access the resources	3	Medium	Annapoorani (Member 1)
Sprint -1	Registration (ChemicalManufacturer -Web user)	USN -1	As a new user, I want to first register using my organization email and create a password for The account.	2	High	Alagumeena (Member 2)

Sprint -4	Login	USN -2	As a registered user, I need to easily log in using the registered account via the web page.	3	High	Priyanka (Member3)
Sprint -3	WebUI	USN -3	As a user, I need to have a userfriendly interface to easily view and access the resources.	3	Medium	Nisha (Member4)
Sprint -1	Registration (Chemical Manufacturer- Mobile User)	USN -1	As a user, I want to first register using my email and create a password for the account.	1	High	Pavithra (Leader)
Sprint -1	Login	USN -2	As a registered user, I need to easily log in to the application.	2	Low	Annapoorani (Member1)

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)
<i>Sprint-1</i>	<i>12</i>	<i>6Days</i>	<i>24Oct2022</i>	<i>29Oct2022</i>	<i>20</i>	<i>29Oct2022</i>
<i>Sprint-2</i>	<i>6</i>	<i>6Days</i>	<i>31Oct2022</i>	<i>05Nov2022</i>	<i>20</i>	<i>30OCT2022</i>
<i>Sprint-3</i>	<i>6</i>	<i>6Days</i>	<i>07Nov2022</i>	<i>12Nov2022</i>	<i>20</i>	<i>6NOV 2022</i>
<i>Sprint-4</i>	<i>6</i>	<i>6Days</i>	<i>14Nov2022</i>	<i>19Nov2022</i>	<i>20</i>	<i>7NOV 2022</i>

Velocity:

AV for sprint 1 = Sprint Duration / velocity = $12/6=2$

AV for sprint 2 = Sprint Duration / Velocity = $6/6=1$

AV for Sprint 3 = Sprint Duration / Velocity = $6/6=1$

AV for Sprint 4 = Sprint Duration / Velocity = $6/6=1$

BurndownChart:

