



## **VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN**

**(Autonomous)**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

#### **Smart Farmer-IOT Enabled Smart Farming Application**

**IBM NALAIYATHIRAN**

#### **Project Planning Phase Sprint Delivery Plan**

<b>TITLE</b>	SMART FARMER-IOT ENABLED SMART FARMING APPLICATION
<b>DOMAIN NAME</b>	INTERNET OF THINGS
<b>TEAM ID</b>	PNT2022TMID54280
<b>LEADER NAME</b>	JEEVITHRA J
<b>TEAM MEMBER NAME</b>	SHRINITHI S HINDHUJA K S KANIMOZHI K
<b>MENTOR NAME</b>	S GNANAMURUGAN

**PRODUCT BACKLOG, SPRINT SCHEDULE, AND ESTIMATION (4 MARKS)**

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story /Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Member</b>
<b>Sprint-1</b>	Registration (Farmer Mobile User)	UNS-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	JEEVITHRA J (Leader)
<b>Sprint-1</b>	Login	UNS-2	As a user, I will receive confirmation email once I have registered for the application	1	High	SHRINITHI S (Member 1)

<b>Sprint-2</b>	User Interface	UNS-3	As a user, I can register for the application through Facebook	3	Low	HINDHUJA K S (Member 2)
<b>Sprint-1</b>	Data Visualization	UNS-4	As a user, I can register for the application through GMAIL	2	Medium	KANIMOZHI K (Member 3)
<b>Sprint-3</b>	Registration (Farmer -Web User)	USN - 1	As a user, I can log into the application by entering email and password	3	High	JEEVITHRA J (Leader)
<b>Sprint - 2</b>	Login	USN - 2	As a registered user, I need to easily login log into my registered account via the web page in minimum time	3	High	SHRINITHI S (Member 1)
<b>Sprint - 4</b>	Web UI	USN - 3	As a user, I need to have a friendly user interface to easily view and access the resources	3	Medium	HINDHUJA K S (Member 2)
<b>Sprint - 1</b>	Registration (Chemical Manufacturer - 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	KANIMOZHI K (Member 3)

<b>Sprint - 4</b>	Login	USN - 2	As a registered user, I need to easily log in using the registered account via the web page.	3	High	JEEVITHRA J (Leader)
<b>Sprint - 3</b>	Web UI	USN - 3	As a user, I need to have a user friendly interface to easily view and access the resources.	3	Medium	SHRINITHI S (Member 1)
<b>Sprint - 1</b>	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	HINDHUJA K S (Member 2)
<b>Sprint - 1</b>	Login	USN - 2	As a registered user, I need to easily log in to the application.	2	Low	KANIMOZHI (Member 3)

**PROJECT TRACKER, VELOCITY & BURNDOWN CHART: (4 MARKS)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	12	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022	20	30 OCT 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	20	6 NOV 2022
Sprint-4	6	6 Days	14 Nov 2022	19 Nov 2022	20	7 NOV 2022

## **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

**BURNDOWN CHART:**

