# 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, and Estimation (4 Marks)

| Sprint   | Functional<br>Requirement<br>(Epic)    | User<br>Story<br>Number | UserStory/Task   | Story<br>Points | Priority | TeamMember                  |
|----------|--|-------------------------|--|-----------------|----------|-----------------------------|
| Sprint-1 | Registration(<br>FarmerMobil<br>eUser) | 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<br>(Member 1) |

| Sprint-2  | UserInterface   | UNS-3  | As a user, I can register for the application through Facebook  |          | Low    | Alagumeena<br>(Member 2)  |
|-----------|---|--------|---|----------|--------|---------------------------|
| Sprint-1  | DataVisualiz<br>ation                                   | UNS-4  | As auser,I can register for the application through GMAIL   | 2        | Medium | Priyanka<br>(Member3)     |
| Sprint-3  | Registration(<br>Farmer -<br>WebUser)                   | USN -1 | As a user, I can log into<br>the application by<br>entering email and<br>password                         | 3        | High   | Nisha<br>(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<br>(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<br>(Member 1) |
| Sprint -1 | Registration<br>(ChemicalMan<br>ufacturer -Web<br>user) | USN -1 | As a new user, I want tofirst register using my organization email and create a password for The account. | 2        | High   | Alagumeena<br>(Member 2)  |

| Sprint -4 | Login   | USN -2 | As a registered user, Ineed to easily log inusing the registered account via the web page. | 3 | High   | Priyanka<br>(Member3)    |
|-----------|---|--------|--|---|--------|--------------------------|
| Sprint -3 | WebUI   | USN -3 | As a user, I need to havea userfriendly interfacetoeasilyviewan daccesstheresources.       | w | Medium | Nisha<br>(Member4)       |
| Sprint -1 | Registration<br>(Chemical<br>Manufacturer-<br>MobileUser) | USN -1 | As a user, I want to first register using my email and create a password For the account.  | 1 | High   | Pavithra<br>(Leader)     |
| Sprint -1 | Login   | USN -2 | As a registered user,I need to easily log in to the application.                           | 2 | Low    | Annapoorani<br>(Member1) |

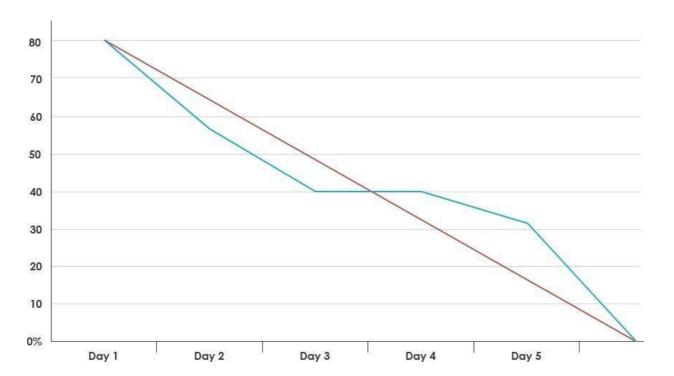
#### ProjectTracker, Velocity & Burndown Chart: (4 Marks)

| Sprint   | Total Story<br>Points | Duration | Sprint Start<br>Date | Sprint End<br>Date(Planned) | Story Points<br>Completed<br>(ason Planned<br>End Date) | Sprint Release<br>Date(Actual) |
|----------|-----------------------|----------|----------------------|-----------------------------|---|--------------------------------|
| Sprint-1 | 12                    | 6Days    | 240ct2022            | 290ct2022                   | 20  | 290ct2022                      |
| Sprint-2 | 6                     | 6Days    | 310ct2022            | 05Nov2022                   | 20  | 300CT2022                      |
| Sprint-3 | 6                     | 6Days    | 07Nov2022            | 12Nov2022                   | 20  | 6NOV 2022                      |
| Sprint-4 | 6                     | 6Days    | 14Nov2022            | 19Nov2022                   | 20  | 7NOV 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
AVforSprint4=SprintDuration/Velocity=6/6=1
```

### **BurndownChart:**



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