Test Plan Document

## Farmer Agenda (Task 1 – Activity 1)

Table 1.1 Farmer Agenda Functionality

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Farmer Agenda** | **Test type** | | | | |
|  | **Unit/unitary** | **Performance** | **Volume** | **Regression** | **User acceptance** |
| **Test type requirement** | Required | Optional | Optional | Not required | Required |
| **System environment** | Development |  |  |  | Quality |
| **Team** | Project Team |  |  |  | Both |
| **Rationale** | Ensures thorough testing of individual units or components. |  |  |  | User acceptance testing ensures the system meets user expectations and needs. |

## Farmer Bookkeeper (Task 1 – Activity 2)

Table 1.2 Farmer Bookkeeper Functionality

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Farmer Bookkeeper** | **Test type** | | | | |
|  | **Unit/unitary** | **Performance** | **Volume** | **Regression** | **User acceptance** |
| **Test type requirement** | Required | Optional | Optional | Not required | Required |
| **System environment** | Development |  |  |  | Quality |
| **Team** | Project Team |  |  |  | Both |
| **Rationale** | Ensures thorough testing of individual units or components. |  |  |  | User acceptance testing ensures the system meets user expectations and needs. |

## Crop Planner (Task 1 – Activity 3)

Table 1.3 Crop Planner Functionality

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crop Planner** | **Test type** | | | | |
|  | **Unit/unitary** | **Performance** | **Volume** | **Regression** | **User acceptance** |
| **Test type requirement** | Required | Optional | Optional | Not required | Required |
| **System environment** | Development |  |  |  | Quality |
| **Team** | Project Team |  |  |  | Both |
| **Rationale** | Ensures thorough testing of individual units or components. |  |  |  | User acceptance testing ensures the system meets user expectations and needs. |

## Fleet Planner (Task 1 – Activity 4)

Table 1.4 Fleet Planner Functionality

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Fleet Planner** | **Test type** | | | | |
|  | **Unit/unitary** | **Performance** | **Volume** | **Regression** | **User acceptance** |
| **Test type requirement** | Required | Optional | Optional | Not required | Required |
| **System environment** | Development |  |  |  | Quality |
| **Team** | Project Team |  |  |  | Both |
| **Rationale** | Ensures thorough testing of individual units or components. |  |  |  | User acceptance testing ensures the system meets user expectations and needs. |

## Shipments Planner (Task 1 – Activity 5)

Table 1.5 Shipments Planner Functionality

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Shipments Planner** | **Test type** | | | | |
|  | **Unit/unitary** | **Performance** | **Volume** | **Regression** | **User acceptance** |
| **Test type requirement** | Required | Optional | Optional | Not required | Required |
| **System environment** | Development | Quality |  |  | Quality |
| **Team** | Project Team | Project team or Both |  |  | Both |
| **Rationale** | Ensures thorough testing of individual units or components. | Performance testing focuses on the entire system.. |  |  | User acceptance testing ensures the system meets user expectations and needs.. |

## Farming Planner (Task 1 – Activity 6)

Table 1.6 Farming Planner Functionality

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Farming Planner** | **Test type** | | | | |
|  | **Unit/unitary** | **Performance** | **Volume** | **Regression** | **User acceptance** |
| **Test type requirement** | Required | Optional | Optional | Not required | Required |
| **System environment** | Development | Quality |  |  | Quality |
| **Team** | Project Team | Project Team or Both |  |  | Both |
| **Rationale** | Ensures thorough testing of individual units or components. | Performance testing focuses on the entire system. |  |  | User acceptance testing ensures the system meets user expectations and needs. |