Project Design Phase-II

Data Flow Diagram & User Stories

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| Date | 26-10-2022 |
| Team ID | PNT2022TMID39239 |
| Project Name | Project – Estimate the crop yield using Data Analytics |
| Maximum Marks | 4 Marks |

# Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

# Example: (Simplified)

**USER STORIES:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **User Type** | **Functional Requirement**  **(Epic)** | **User Story Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Release** |
| Customer (Mobile user) | Registration | USN-1 | User can register through based upon the criteria. | I can access my account / dashboard | High | Sprint-1 |
|  |  | USN-2 | When we registered through they get confirmation message. | I can receive confirmation email & click confirm | High | Sprint-1 |
|  |  | USN-3 | User can register through the any social platform. | I can register & access the  dashboard with social media login | Low | Sprint-2 |
|  |  | USN-4 | I can register for the application through Gmail |  | Medium | Sprint-1 |
|  | Login | USN-5 | They can login based upon the user id and  password. |  | High | Sprint-1 |
|  | Dashboard | USN-6 | They can access the dashboard based upon their needs. |  | Medium | Sprint-2 |
| Customer (Web user) | Activity | USN-7 | User can register through the application from web-app. | Alert notification can be notified. | Low | Sprint-1 |
| Customer Care Executive | Access Resources | USN-8 | Using the login authentication make access of resource in application. | Without knowledge third party can’t be login. | High | Sprint-1 |
| Administrator | Set events | USN-9 | Upcoming event or to-do-list can available. |  | High | Sprint-2 |
| Customer | Tools | USN-10 | Analysis can be performed based upon the tool. | I have an ease of accessing tools | High | Sprint-1 |