**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| Date | 17 October 2022 |
| Team Mentor | Jonisha |
| Project Name | Project: AI-powered Nutrition Analyzer for Fitness Enthusiasts |
| Maximum Marks | 4 Marks |

**Data flow diagram – level 0**

users

admin

Logout

**email, pw**

Create account

0

Ai powered nutrition analyzer

**stores user details, fitness report, diet plan of each user**

Generates fitness report

Login

Calculates vitamins and nutrients present in the food

**capture or upload**

Input image of food Process image using AI

**User Stories**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **User Type** | **Functional Requirement**  **(Epic)** | **User Story Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Release** |
| Customer (Mobile user) | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard | High | Sprint-1 |
|  |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | High | Sprint-1 |
|  |  | USN-3 | As a user, I can register for the application through Facebook | I can register & access the dashboard with Facebook  Login | Low | Sprint-2 |
|  |  | USN-4 | As a user, I can register for the application through Gmail |  | Medium | Sprint-1 |
|  | Login | USN-5 | As a user, I can log into the application by entering email & password |  | High | Sprint-1 |
|  | Dashboard | USN-6 | As a user, I can edit my profile details |  | Medium | Sprint-2 |
| Customer (Web user) | Registration | USN-7 | As a user, I can register for the application by entering my email, password, and confirming  my password. | I can access my account / dashboard | High | Sprint-1 |
|  |  | USN-8 | As a user, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | High | Sprint-1 |
|  |  | USN-9 | As a user, I can register for the application through Facebook | I can register & access the dashboard with Facebook Login | Low | Sprint-2 |
|  |  | USN-10 | As a user, I can register for the application through Gmail |  | Medium | Sprint-1 |
|  | Login | USN-11 | As a user, I can log into the application by entering email & password |  | High | Sprint-1 |
|  | Dashboard | USN-12 | As a user, I can edit my profile details |  | Medium | Sprint-2 |
| Customer Care Executive | Queries | USN-13 | As a user, I can raise and submit their queries in the Q&A section | I can raise the queries how to use the application in Q&A. | Medium | Sprint-1 |
|  | Diet plans | USN-14 | As an executive, I must give the right nutrition with proper diet plans | A complete guide for nutrition provided to user | High | Sprint- 1 |
| Administrator | Community Chart | USN-15 | User can create a community and chat with them accordingly | Users can interact with other users. | Medium | Sprint- 2 |