**Project Design Phase-II**

**Data Flow Diagram &User Stories**

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| --- | --- |
| Date | 23 November 2022 |
| Team ID | PNT2022TMID43214 |
| Project Name | AI-poweredNutritionAnalyzerforFitness  Enthusiasts |
| 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.



**Username**

**,Password**

Name,Age

BMIsugar

level, BPlevel

Nutrients

Username,

Password

Food

Label

Nutrients

**Nutrients**

**Classification**

Database

Food Label

Confirmation

mail

Image

Food

Label

Mail

Model

Application

HomePage

Classification

WebScrap

DietTypes

Physical andHealthDetails

LOGIN

USER

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Customer(Webuser) | Registration | USN-1 | As a user, I can registerto the system byentering the necessarycredentials like email idandpassword. | I can accessmydashboard/account | High | Sprint-1 |
|  |  | USN-2 | As a user, I can registerfortheapplicationthrough Google or anyotherbrowser. | I will registerto thesystem byentering thedetails | High | Sprint-1 |
|  | Login | USN-3 | As a user, I can login tothe system by enteringmycredentials | Icanloginand getaccess to thesystem | Medium | Sprint-1 |
|  | Input | USN-4 | As a user , I can capturethe image of the foodto get thedetails | I can captureor take thepicture ofthe food toget theinformation | High | Sprint-3 |
|  | Output | USN-5 | As a user, I can view theinformation regardingthe food and thenutrition content of thecapturedfood. | I can viewtheoutputof thenutritioncontent ofthe capturedinput | High | Sprint-4 |
| Customercareexecutive | Feedbacks  ,Tollfreenumber | USN-6 | As a customer careexecutive , I collectfeedbacks from thecustomers. | Maintainingproperenvironmentfor thecustomers | High | Sprint-2 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Administrator | Dashboard | USN-7 | As an administrator Itake care of all activitiescarried out in thesystem | Zero issuesfrom theuser | High | Sprint-4 |