**Project Design Phase-II**

**Data Flow Diagram & User Stories**

Skill and Job Recommender Application

|  |  |
| --- | --- |
| Team ID | PNT2022TMID45895 |
| Department | Computer Science and Engineering |
| College | Sudharsan Engineering College |
| Team Leader | S.Kalaiyarasi |
| Team Member 1 | K.Harini |
| Team Member 2 | K.Hemalatha |
| Team Member 3 | K.Arthi |

DATA FLOW DIAGRAM:

User Evaluated data Evaluated data



Evaluation of objects

Objects



Objects

Critique based recommendation

Objects



Data about the user's cluster



User data

# Profiles



Profile data

Clustering of users

User data

User request, Answer to questions, Recommendations

# User

Similarity based recommendation



***FLOW KEY***

This small rectangle is used for data that is required frequently or is produced in the process.

This shape is used for actions or instructions, the things that must be done.

Connects elements of the flow.

Data

Process

**User Stories:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **User Type** | **Functional Requirement (Epic)** | **User Story**  **Number** | **User Story/Task** | **Acceptance criteria** | **Priority** | **Release** |
| Customer | Registration | USN-1 | As a user, I can register for the application by entering my email, and password. | I can access my account/dashboard | High | Sprint-1 |
|  |  | USN-2 | As a user, I will receive a confirmation email once I have registered for the application | I can receive a confirmation email & click  confirm | High | Sprint-1 |
|  |  | USN-3 | As a user, I can register for the application through Microsoft account | I can register & access the dashboard with Microsoft Login | Low | Sprint-2 |
|  |  | USN-4 | As a user, I can register for the application through Gmail | I can register & access the dashboard with Gmail Login | Medium | Sprint-1 |
|  | Login | USN-5 | As a user, I can log into the application  by entering my email & password | I can access the dashboard | High | Sprint-1 |
|  | Search | USN-6 | As a user, I can search for  the desired companies | Companies related to the  search terms are listed | High | Sprint-2 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Apply | USN-7 | As a user, I can apply for a company | Application is submitted to  the company | High | Sprint-2 |
|  | Review | USN-8 | As a user, I can review and comment my opinions about the company | The review is listed on the  company’s profile | Medium | Sprint-2 |
| Admin | Forward | USN-9 | As an admin, I must forward the applications to the respective  companies | The application is received by the company | High | Sprint-1 |
|  | Send  Confirmation | USN -10 | A confirmation mail is sent from the respected company | Confirmation is received by the user | High | Sprint-2 |
|  | Manage Review | USN-11 | As an admin, I must make the reviews appear on the company’s profile | Reviews appear on the company’s page | Low | Sprint-2 |