

## Project Design Phase-II

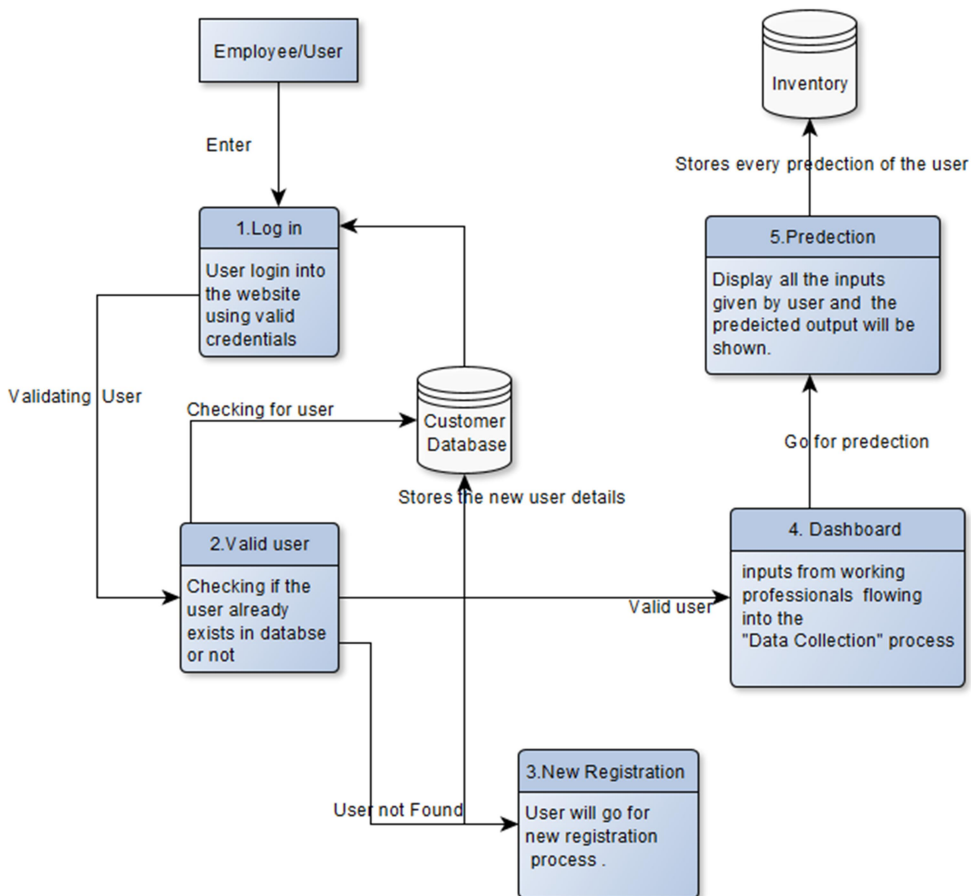
### Data Flow Diagram & User Stories

Date	23 October 2023
TeamID	Team-593201
Project Name	Predicting Mental Health Illness Of Working Professionals Using Machine Learning
Max 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.

#### Level 0 Data Flow Diagram:



User Stories:

User Story Number	Priority	User Story	Functional Requirement	Suggested Sprint
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User stories for mobile users

US-M1	High	As a mobile user, I want to log in using my phone	1. Implement secure user authentication	Sprint 1
US-M2	High	As a mobile user, I want to complete a mental health assessment	2. Design a user-friendly assessment interface	Sprint 2
US-M3	Medium	As a mobile user, I want to track my mood over time	3. Implement a mood tracking feature	Sprint 3
US-M4	Medium	As a mobile user, I want to receive personalized mental health tips	4. Integrate ML-based recommendation system	Sprint 4
US-M5	Low	As a mobile user, I want to set reminders for self-care	5. Implement reminder and notification feature	Sprint 5

## User stories for web users

User Story Number	Priority	User Story	Functional Requirement	Suggested Sprint
US-W1	High	As a web user, I want to create an account	1. Develop user registration feature	Sprint 1
US-W2	High	As a web user, I want to take a comprehensive mental health assessment	2. Create an assessment module	Sprint 2
US-W3	Medium	As a web user, I want to visualize my mental health data	3. Develop data visualization tools	Sprint 3
US-W4	Medium	As a web user, I want to access mental health articles	4. Integrate a content management system	Sprint 4
US-W5	Low	As a web user, I want to participate in online support groups	5. Develop a forum or chat feature	Sprint 5

User Story Number	Priority	User Story	Functional Requirement	Suggested Sprint
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**User stories for administrator:**

US-A1	High	As an administrator, I want to manage user roles and permissions	1. Develop an admin panel for user management	Sprint 1
US-A2	High	As an administrator, I want to view system usage statistics	2. Implement a reporting and analytics module	Sprint 2
US-A3	Medium	As an administrator, I want to configure ML models	3. Develop a model configuration tool	Sprint 3
US-A4	Medium	As an administrator, I want to review and moderate user-generated content	4. Create content moderation features	Sprint 4
US-A5	Low	As an administrator, I want to conduct system backups and updates	5. Establish a system maintenance process	Sprint 5

User Story Number	Priority	User Story	Functional Requirement	Suggested Sprint
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**Stories for customer care executives:**

US-CC1	High	As a customer care executive, I want to access user profiles	1. Implement user profile management	Sprint 1
US-CC2	High	As a customer care executive, I want to assist users with technical issues	2. Develop a support ticket system	Sprint 2
US-CC3	Medium	As a customer care executive, I want to monitor user activity	3. Create an activity monitoring dashboard	Sprint 3
US-CC4	Medium	As a customer care executive, I want to send personalized resources to users	4. Integrate a resource-sharing system	Sprint 4
US-CC5	Low	As a customer care executive, I want to escalate critical issues to administrators	5. Implement an escalation workflow	Sprint 5

