Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2023
Team ID	PNT2022TMIDxxxxxx
Project Name	Project – Depression : a common mental disorder
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.

1. **Depression Project System**
   o This is the main process or system under consideration.

Level 1 DFD:

- The Level 1 DFD breaks down the main system into smaller, more manageable subprocesses.

1.1 **User Registration and Login**

- This process involves user registration and login to access the system.

1.2 **Assessment and Screening**

- This process includes the assessment and screening of users for depression.
- Inputs: User information, self-assessment responses
- Outputs: Assessment results

1.3 **Counseling and Therapy**

- This process provides counseling and therapy services to users.
- Inputs: User assessment results, session requests
- Outputs: Session reports

1.4 **Medication Management**

- This process manages medication prescriptions and refills.
- Inputs: Prescription requests, user information
- Outputs: Medication prescriptions

1.5 **User Profile Management**

- This process allows users to update their profiles and preferences.
- Inputs: User profile data
- Outputs: Updated user profiles

1.6 **Data Reporting and Analysis**

- This process analyzes data to track the project's effectiveness and identify trends.
- Inputs: User data, assessment results
- Outputs: Reports and insights

1.7 **Admin and Support**

- This process handles administrative tasks and user support.
- Inputs: User inquiries, admin requests
- Outputs: Resolutions and responses

depression project mechanism

- user registertration and login
- admin and support
- assesment and screening
- data reporting and analysis
- counseling and therapy
- medication management