

DATA ANALYTICS WITH IBM COGNOS

SMARTINTERNZ EXTERNSHIP

DATE	23 October 2023
EXTERNSHIP TITLE	Data Analytics With Ibm Cognos Analytics
PROJECT NAME	Depression: A CommonMental Disorder

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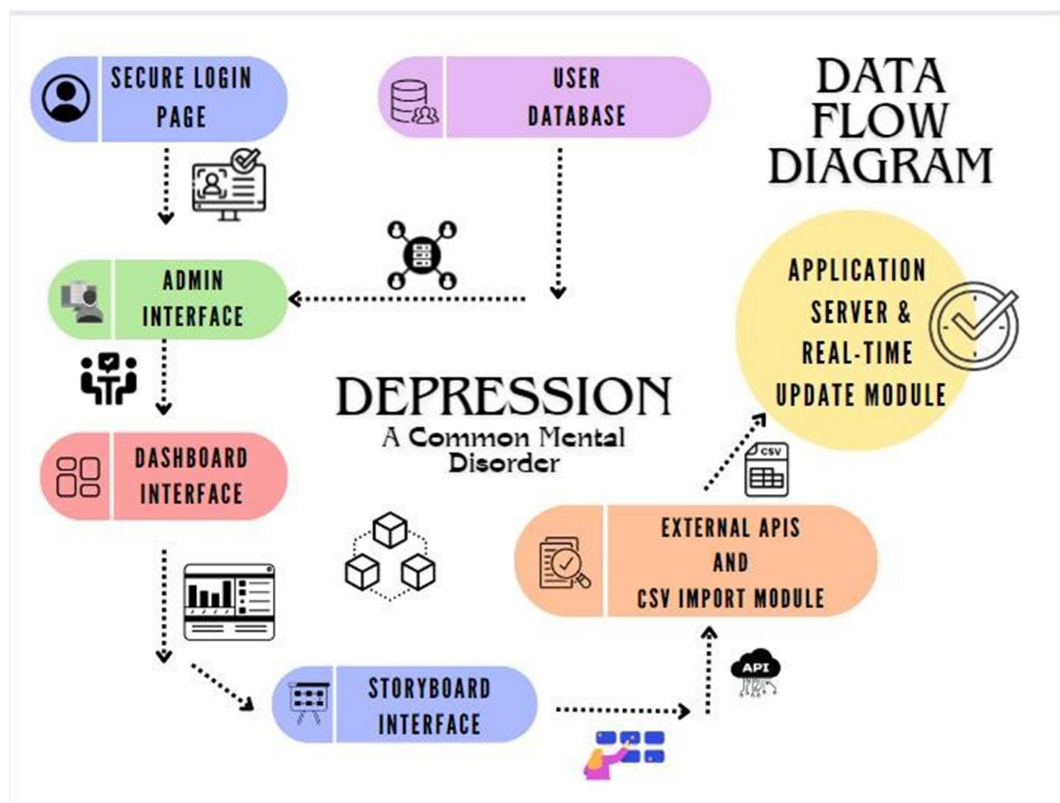
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Project Design Phase-II

Data Flow Diagram & User Stories

Data Flow Diagram:

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.



LINK :

https://www.canva.com/design/DAFz-Mfq8tU/wii_WLLG831ujp_1_RGuRQ/edit?utm_content=DAFz-Mfq8tU&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton

User Stories

In this table:

User Type: Represents different personas involved in the project (User and Admin). **Functional Requirement (Epic):** Describes the broader functionality or theme of the user stories.

User Story Number: Provides a unique identifier for each user story.

User Story / Task: Describes what the user wants or needs.

Acceptance Criteria: Outlines the conditions that must be met for the user story to be considered complete.

Priority: Indicates the importance or urgency of implementing the user story. **Release:** Specifies the release version or time frame when the user story is planned for implementation.

This table outlines user stories for both users (those taking the test) and administrators (those managing the system).

User Type	Functional Requirement	User Story Number	User Task / story	Acceptance Criteria	Priority	Release
User	Authentication and Authorization	US001	As a user, I want to be able to log in securely	Users should be able to access a secure login page. Upon successful login, users should be granted access to the system.	High	Sprint-1
Admin	Authentication and Authorization	US002	As an admin, I want to manage user roles and permissions	Admins should have access to a dedicated interface for managing user roles and permissions. Admins can add new users and assign them specific roles.	Medium	Sprint-1

User	Dashbo ard Design and Layout	US003	As a user, I want an intuitive dashboard layout	The dashboard should have an intuitive and user-friendly layout. Users should be able to easily navigate between different sections of the dashboard.	High	Sprint-2
User	Storyboard	US004	As a user, I want customizable widgets on the Storyboard	Users should have the ability to customize widgets on the Storyboard. Widgets can be added, removed, or rearranged based on user preferences.	Medium	Sprint-2
User	Data Integration	US005	As a user, I want the system to integrate with external APIs	The system should provide a feature to integrate with external APIs securely. Data retrieved from external APIs should	High	Sprint-3
				be displayed and stored appropriately within the system.		
User	Data Integration	US006	As a user, I want to import data from CSV files	Users should have the capability to import data from CSV files. Imported data should be seamlessly integrated into the application's	Medium	Sprint 2

				database.		
User	Performance Optimization	US007	As a user, I want the application to load quickly and I want to see real-time updates on the dashboard	The application should load quickly, providing a responsive user experience. Real-time updates on the dashboard should reflect changes in the underlying data immediately.	Medium	Sprint 4

