

Smartinternz Externship



Date	23 October 2023
Externship Title	Data Analytics with IBM cognos Analytics
Project Name	Depression: A Common Mental Disorder

Team Members

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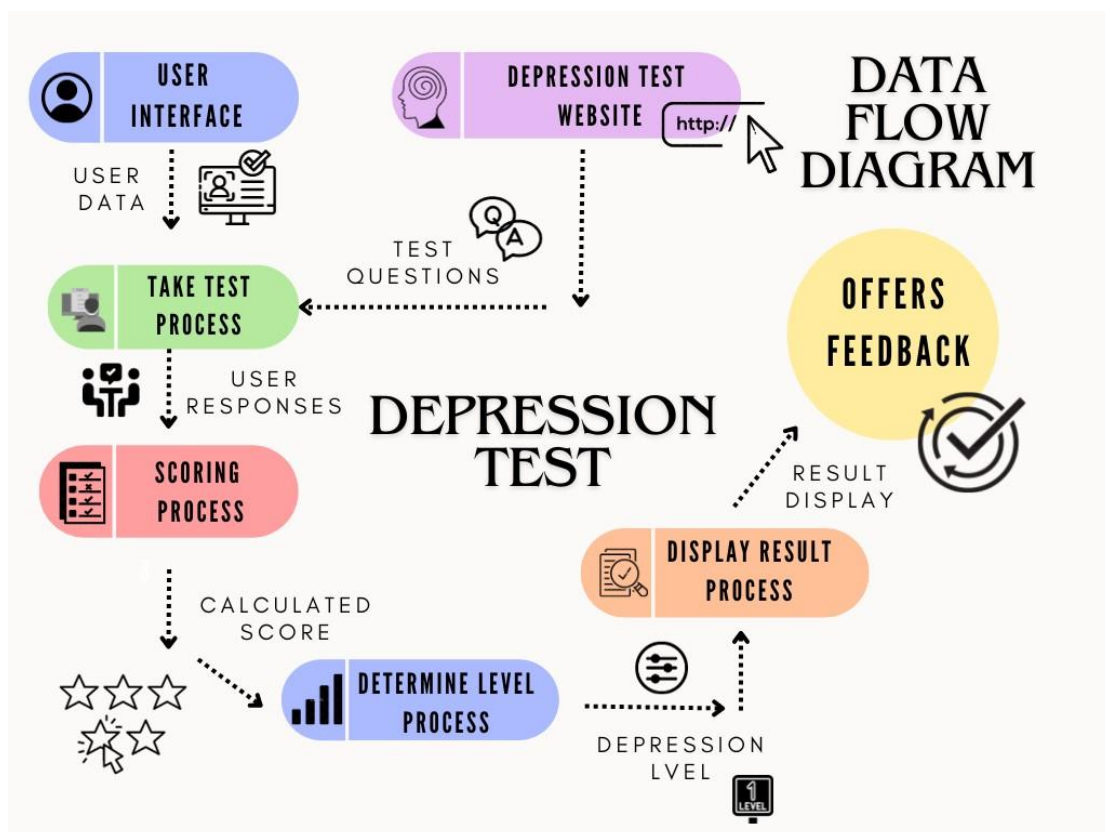
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Project Design Phase-II

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	Registration	US001	Should be able to register on the website to take the depression test.	Registration form with required fields (name, email, password)	High	Sprint 1
User	Login	US002	Log in to the website after registration.	Secure login functionality with email and password	High	Sprint 1
User	Take Test	US003	Start answering the depression test questions and be able to submit responses.	Access to a set of depression test questions. - Submit button to complete the test.	Medium	Sprint 1
User	View Score	US004	Should be able to view the depression test score after completion.	Display the calculated score after completing the test.	High	Sprint 1
User	View Depression Level	US005	Check the depression level whether low, moderate or high.	Show the determined depression level based on the test score.	High	Sprint 2

User	Save Test Results	US006	Have the option to save or download the test results for future reference.	Option to save or download the test results for personal records.	Medium	Sprint 2
Admin	Analyze User Trends	US007	Analyze trends in user responses through graphs and charts.	Graphs and charts displaying trends in depression levels over time.	Medium	Sprint 3
Admin	Provide Feedback	US008	Provide suitable feedback based upon the level of depression test score.	Feedback form with the option to submit comments or suggestions.	Medium	Sprint 3