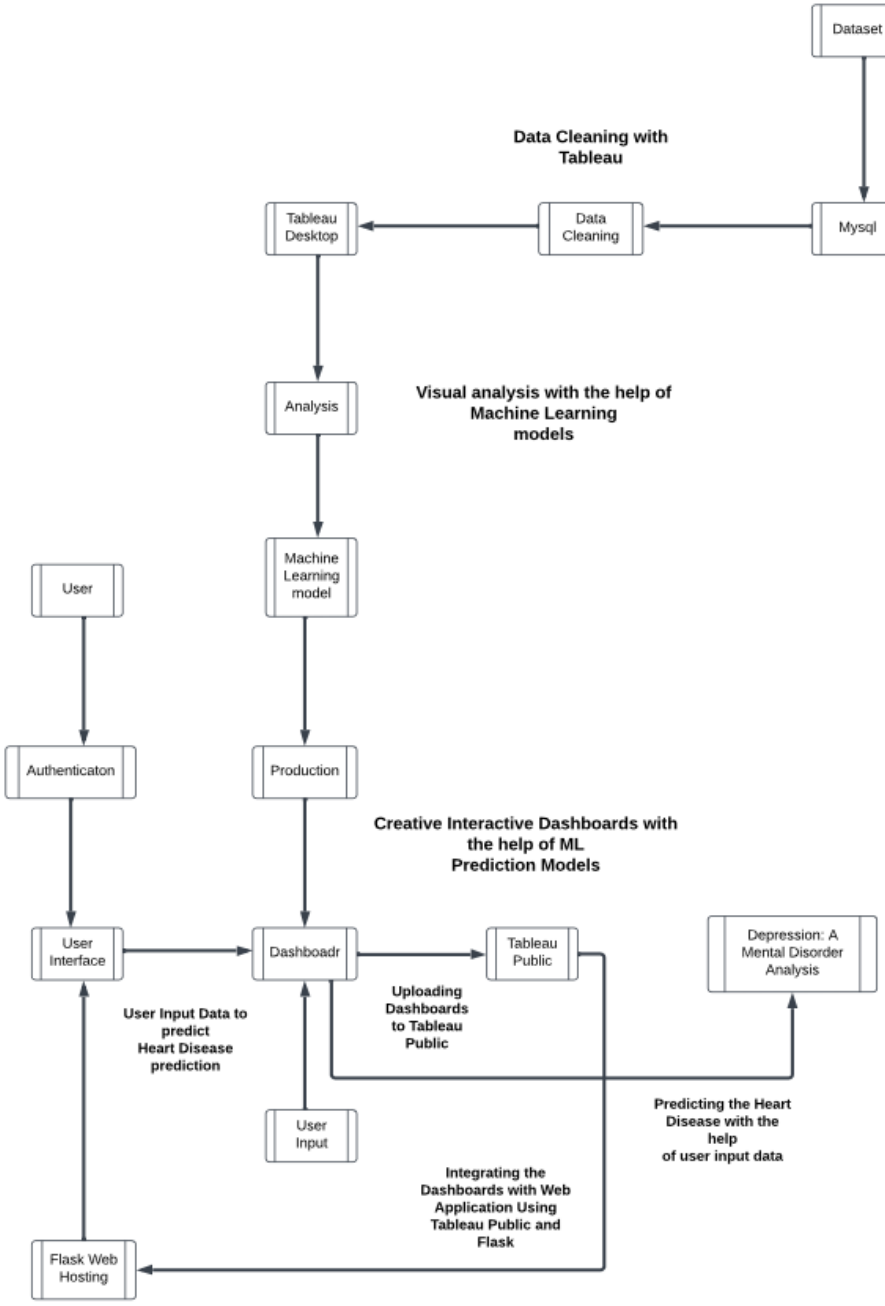
Project Design Phase-II
Data Flow Diagram & User Stories

Date	23 October 2023
Team ID	591144
Project Name	Project - Depression: A 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.


Dataset
Loading data set into MySQL
Data Cleaning with Tableau
Mysql
Data Cleaning
Tableau Desktop
Analysis
Visual analysis with the help of Machine Learning models
Machine Learning model
User
Authenticaton
Production
Creative Interactive Dashboards with the help of ML Prediction Models
User Interface
Dashboadr
Tableau Public
Depression: A Mental Disorder Analysis
User Input Data to predict Heart Disease prediction
Uploading Dashboards to Tableau Public
User Input
Predicting the Heart Disease with the help of user input data
Integrating the Dashboards with Web Application Using Tableau Public and Flask
Flask Web Hosting

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Individual Learner	User friendly platform	USN-1	As an individual user, I want to access the mental health education platform easily and find the information and resources I need without any confusion. The platform should be intuitive and responsive, ensuring I can access it from any device for a seamless learning experience.	● I can easily create a user account by providing basic information. ● Upon logging in, I should be welcomed with a clear and visually appealing homepage. ● Navigating through the platform to find mental health education programs and resources should be straightforward, with a well-structured menu and search functionality.	High	Sprint-1

	Variety of Educational content	USN-2	I want to access affordable mental health education programs, so I can improve my understanding of mental health, reduce stigma, and support my own well-being effectively.	● The user can successfully register and log in to the platform. ● The user can navigate through the available mental health education programs. ● The user can select and enroll in programs of their choice. ● The user can access program materials, participate in quizzes or assessments, and track their progress.	High	Sprint-1
School Administrator	The platform offers subscription plans designed for educational institutions.	USN-3	As a school administrator, I need a subscription plan for mental health courses to provide my students with continuous access to high-quality educational content. This way, I can promote mental health awareness within my educational institution.	● The HR manager can browse available B2B offerings. ● They can tailor a package to include content on areas such as stress management,	Medium	Sprint- 2

				diversity, or crisis response. •		
HR Manager	The platform offers B2B packages, including training resources and workshops for organizations.	USN-4	As a human resources manager, I want to purchase B2B mental health education resources for my organization. These resources should offer a range of training materials and workshops that cater to the diverse needs of our employees.	• The mental health advocate can browse upcoming workshops and webinars. • They can register for sessions of interest. • A reminder system should notify the user before the event. •	Medium	Sprint- 2
Mental Health Advocate	The platform hosts live workshops and webinars on various mental health topics. Users should be able to register for these sessions and attend them via the platform.	USN-5	As a mental health advocate, I'm interested in attending live workshops and webinars on mental health topics to enhance my knowledge and advocacy efforts. I'm willing to pay workshop fees for these in-depth sessions.	• Access should be simple to distribute to employees through unique login credentials. • The owner should receive confirmation of their purchase and access details.	High	Sprint- 1

Small Business Owner	The platform offers a business-to-consumer (B2C) model with affordable mental health education resources. Business owners should be able to purchase access for their employees.	USN-6	As a small business owner, I'm looking for affordable mental health education resources that I can provide to my employees. I prefer B2C offerings that allow me to purchase access to essential content, making it accessible for my team.	● The platform should offer clear guidance on how to enroll in courses, track my progress, and access support if needed. ● Any technical issues or questions should be addressed promptly through user-friendly support features, such as chat or email assistance.	High	Sprint- 1