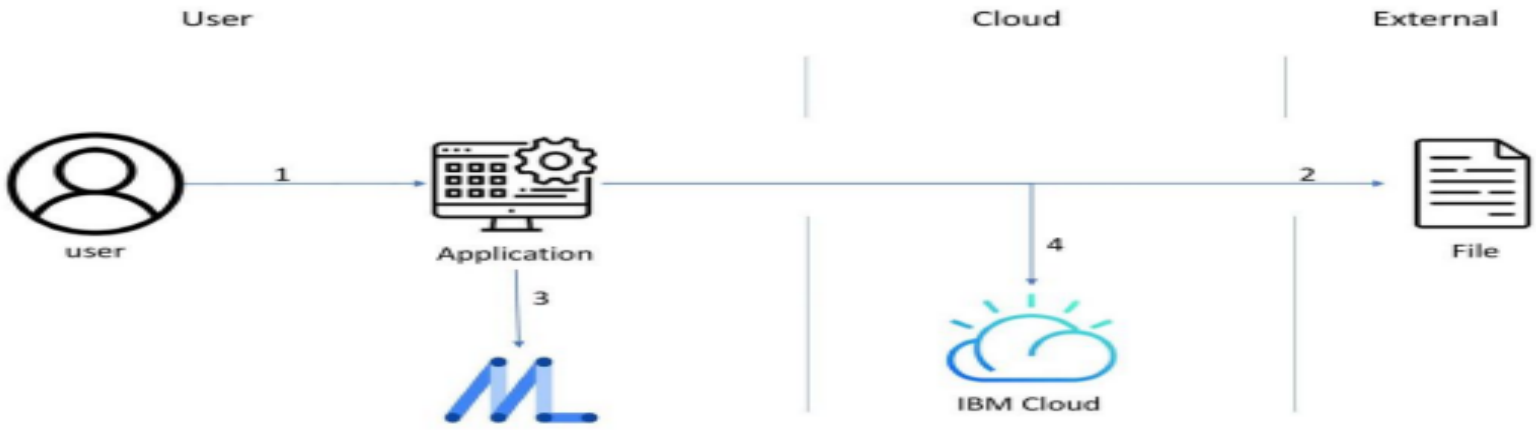
Project Design Phase-II
Data Flow Diagram & User Stories

Date	06 May 2023
Team ID	NM2023TMID17607
Project Name	Cancer Mortality and Incidence rates classification using ML

Data Flow Diagrams:

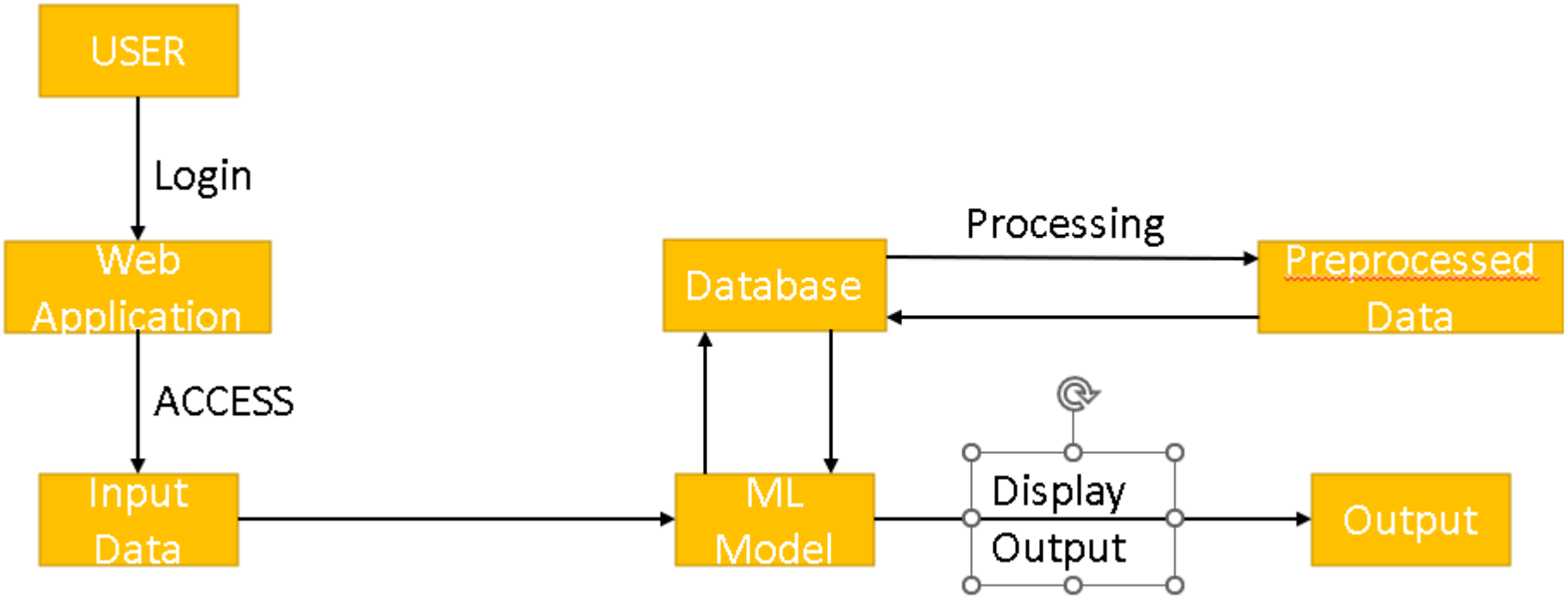


1. The user login into the webpage with his mail id and password.
2. The User will select the input in the application and will load the same for processing.

3. The input data is given to the machine learning model, and the model will process the data set with the preloaded algorithm and predict the result

4. Dataset needed is stored in the IBM Cloud storage as it is a continuous learning model it updates itself with current dataset.

DFD Level 0:



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	Team Member
Doctors	Data collection and analysis	USN-1	As a doctor, they can detect the pattern at an earlier stage and by analyzing the data they can provide the treatment to individual patients.	This system should have precise medical records of the patients.	High	Richard Robinnson
Research Persons	Checks the current cancer mortality rates	USN-2	As a Research person, they can use ML models to explore and understand cancer at a deeper level by facilitating the development of new hypotheses and strategies to combat this disease.	It should have highly accurate and reliable information in the model.	High	Soundarya Lakshmi
Ordinary People	Individuals will get to know more about the disease.	USN-3	It can impact ordinary people by enabling early detection, access to information and resources, personalised risk assessment etc.	It should be a user-friendly tool to the users.	Medium	Rubika
Awareness advocates	They can share the stats about recent cancer mortality rate with the public.	USN-4	ML provides valuable tools to these people by leveraging this information so that they can develop the targeted campaigns and track the impact of their initiatives.	It should be relevant, up-to-date, and trust-worthy.	Low	Praveena