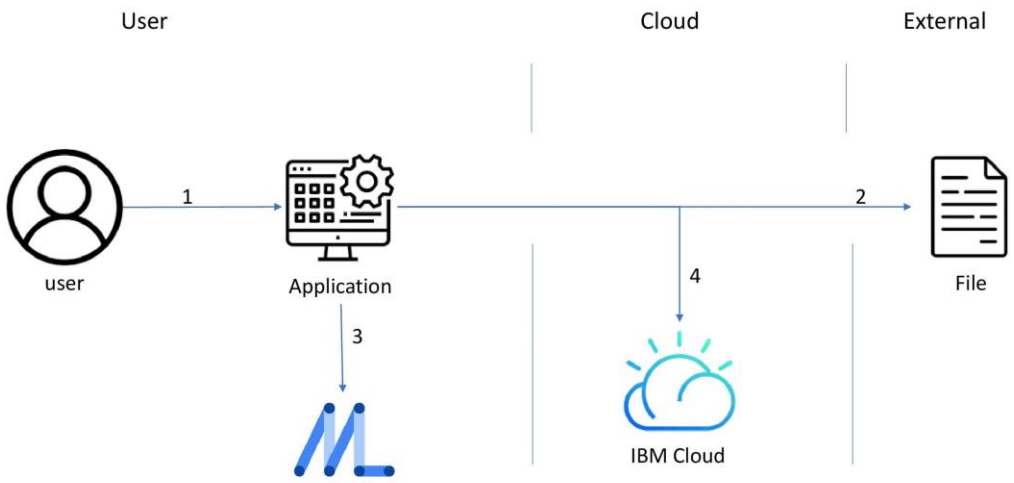
Project Design Phase-II
Data Flow Diagram & User Stories

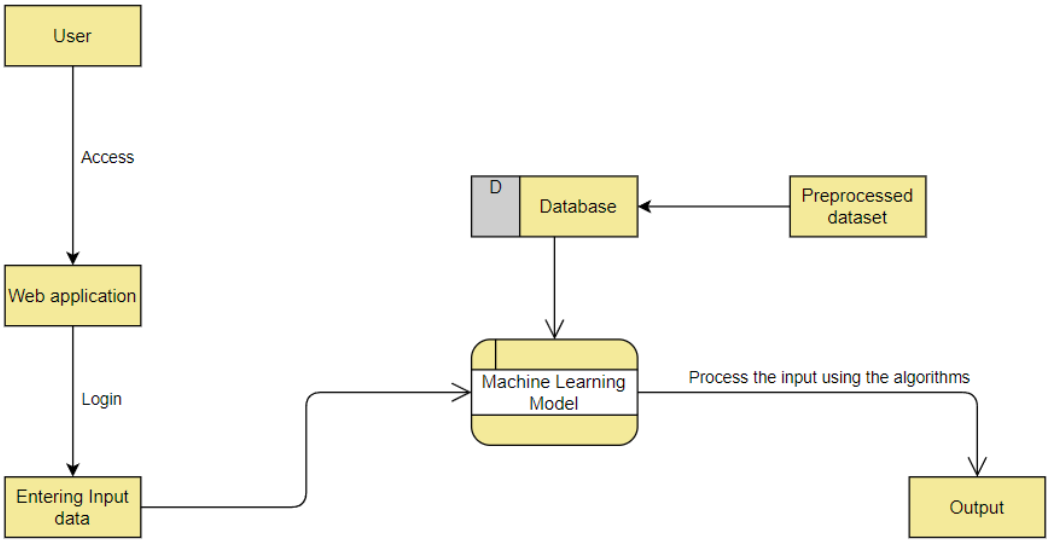
Date	13 May 2023
Team ID	NM2023TMID01937
Project Name	Project – Audit AI: A Machine Learning for Detecting Fraud in Audit Data

Data Flow Diagram:



1. The user login into the webpage.
2. The User select and load the data needed to be processed and identified.
3. The input data is given to the machine learning model, and it process them with given algorithms and give the output data.
4. Dataset needed is stored in the IBM Cloud storage.

DFD Level 0:



User Stories:

User Type	Functional Requirement	User story number	User story/task	Acceptance criteria	Priority	Team Member
Business Manager	Access to fraud detection reports	USN-1	I want to be able to access fraud detection reports so that I can monitor potential fraud within my organization.	Reports must be available in real-time and easily accessible through a user-friendly interface.	High	Chandrasekaran
Data Analyst	Access to raw audit data	USN-2	I want to be able to access raw audit data so that I can perform my own analysis and identify potential fraud.	Data must be accessible through a secure and user-friendly interface, with appropriate access controls in place.	High	Ajith

IT Administrator	System monitoring and management	USN-3	I want to be able to monitor and manage the fraud detection system to ensure that it is running smoothly and efficiently.	System must be easily monitorable and manageable through a user-friendly interface, with alerts in place for potential issues or failures.	High	Vijayakumar
Business User	View real-time dashboard of audit data	USN-4	As a business user, I want to be able to view a real-time dashboard of audit data so that I can quickly identify any potential fraud or anomalies.	The dashboard should display relevant metrics and KPIs, such as total transactions, average transaction amount, and percentage of flagged transactions.	Medium	Tamilselvan