Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	Team-591606
Project Name	ENVISIONING SUCCESS: Predicting University Scores Using Machine Learning
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a sy
depict the right amount of the system requirement graphically. It shows how data enters and leaves
information, and where data is stored. This DFD outlines the fundamental interactions between use
and external data sources.

Here is the Data Flow Diagram for Envisioning Success project
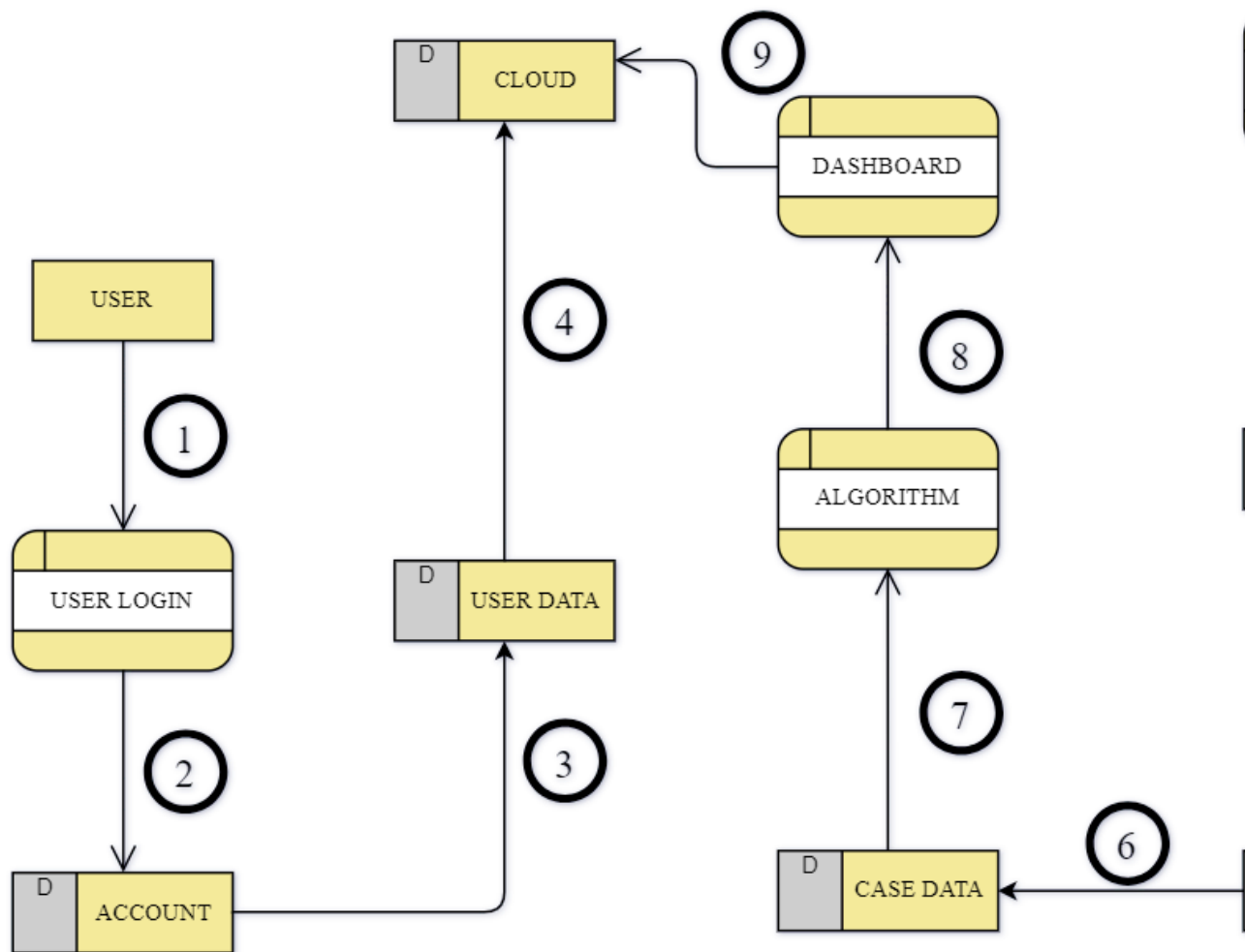
1. User registration is done.

2. An account is created for user after verification.

3. User profile is updated with personal and educational details.

4. User data is uploaded and saved in cloud.

5. As part of Web App, Under the explore section, user is asked to provide the input characte

6. Case Info is being transformed into Case data in specified format

7. Case data is now fed as input to algorithm.

8. Algorithm now predicts the score and displays on dashboard

9. This dashboard along with history is being uploaded in cloud

User Stories:

        user stories reflect the diverse range of stakeholders who could benefit from th
including applicants, university staff, counsellors, parents, and engineer students, all with the

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance
Student/Parent	Registration	USN-1	As a user, I can register for the web application by entering my email, password, and confirming my password.	I can access
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive email & click
		USN-3	As a user, I can register for the application through Facebook	I can register dashboard wi Login
		USN-4	As a user, I can register for the application through Gmail	
	Login	USN-5	As a user, I can log into the application by entering email & password	
	Dashboard	USN-6	As a user, I want all the details of selected Universities	I can access dashboard
		USN-7	As a user, I want to filter and sort the Universities	
Web User	Registration	USN-8	As a user, I want to validate the student profile	I can access
	Profile Management	USN-9	As a user, I want to update student's profile information	I can see my updates imme
	Data Submission	USN-10	As a user, I want input of University's input characteristics	I can have my only after fillin
	Result Display	USN-11	As a user, I want to display the University's score along with explanation of scores	I can see Res friendly
Administrator	Functionalities	USN-12	As a user, I want to provide search and filter options	I can search b other criteria
		USN-13	As a user, I want to give support and seek feedback	I can easily fi feedback opti
		USN-14	As a user, I want to ensure student's login credentials and profiles secure	I can authenti email
		USN-15	As a user, I want to ensure that webpage is designed responsively	I can see the rendering cor
		USN-16	As a user, I want to notify students about updates, account related activities	I can receive