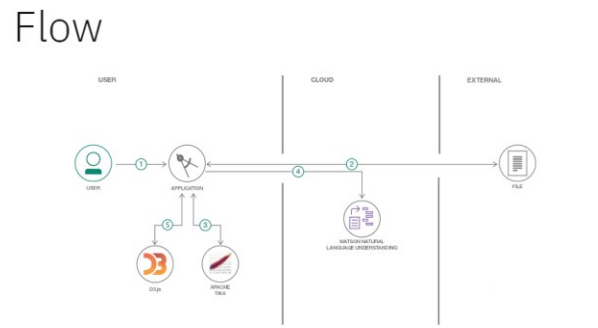
Project Design Phase-II
Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID16260
Project Name	University Admit Eligibility Predictor
Maximum Marks	4 Marks

Data Flow Diagrams:

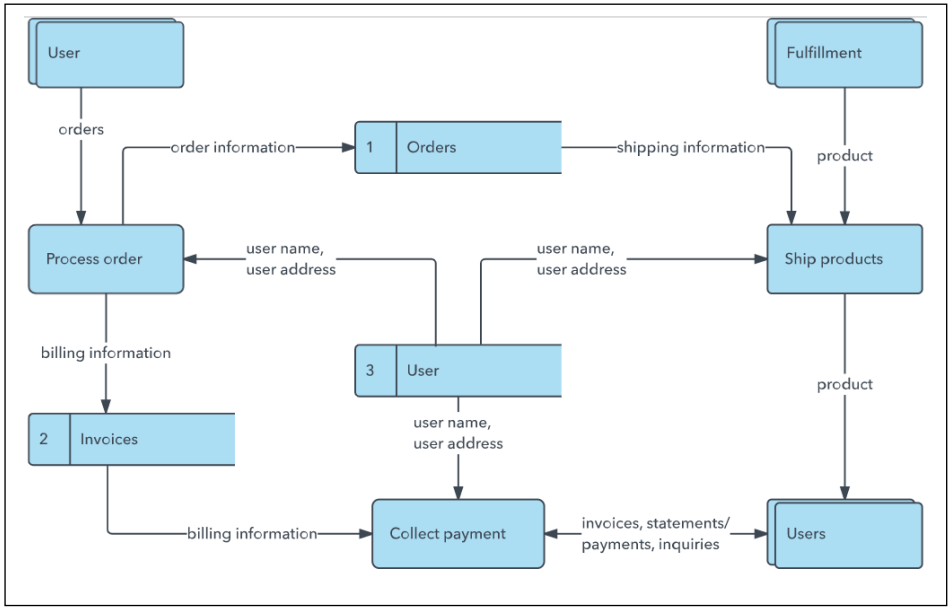
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the rightamount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: (Simplified)

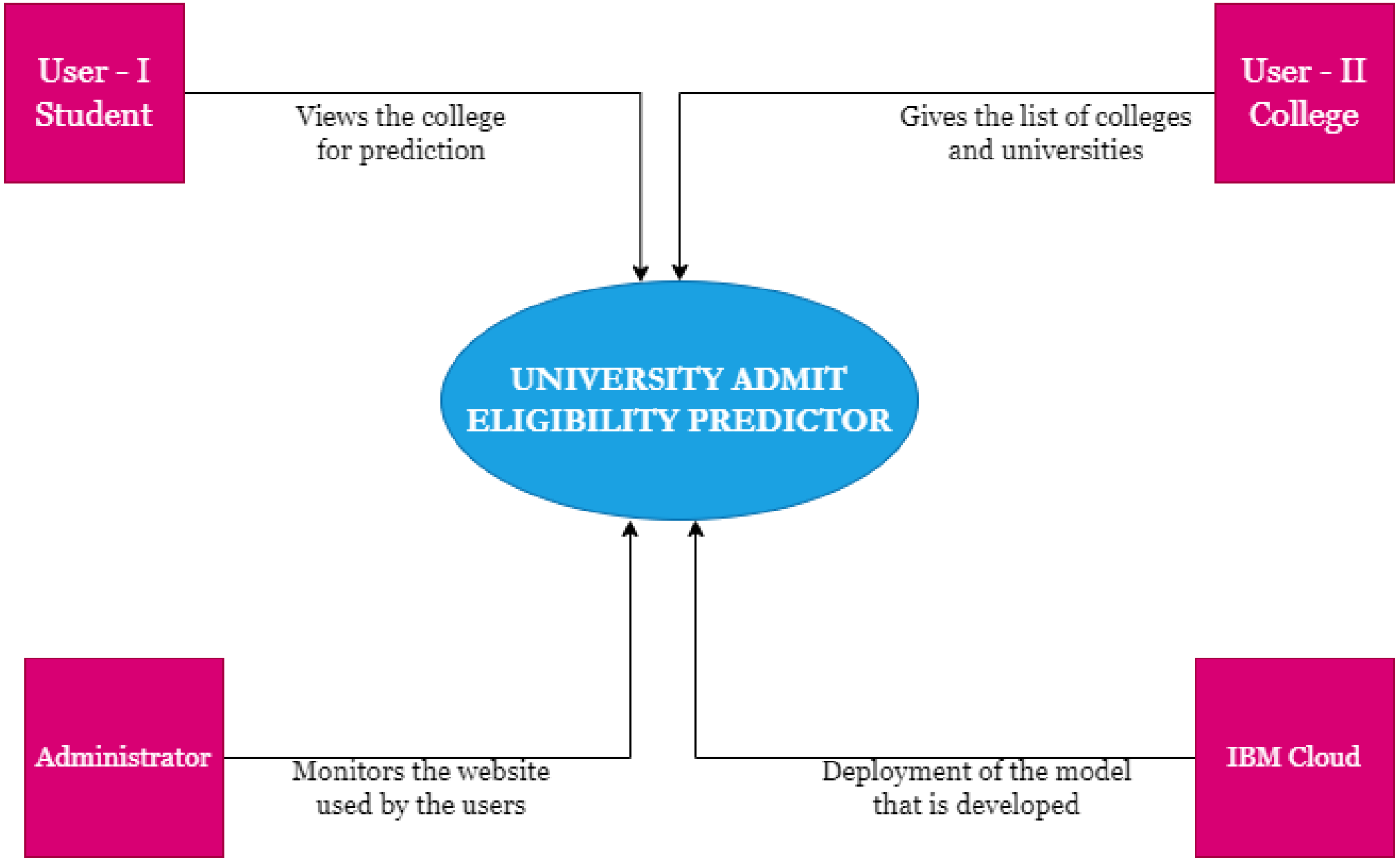


1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

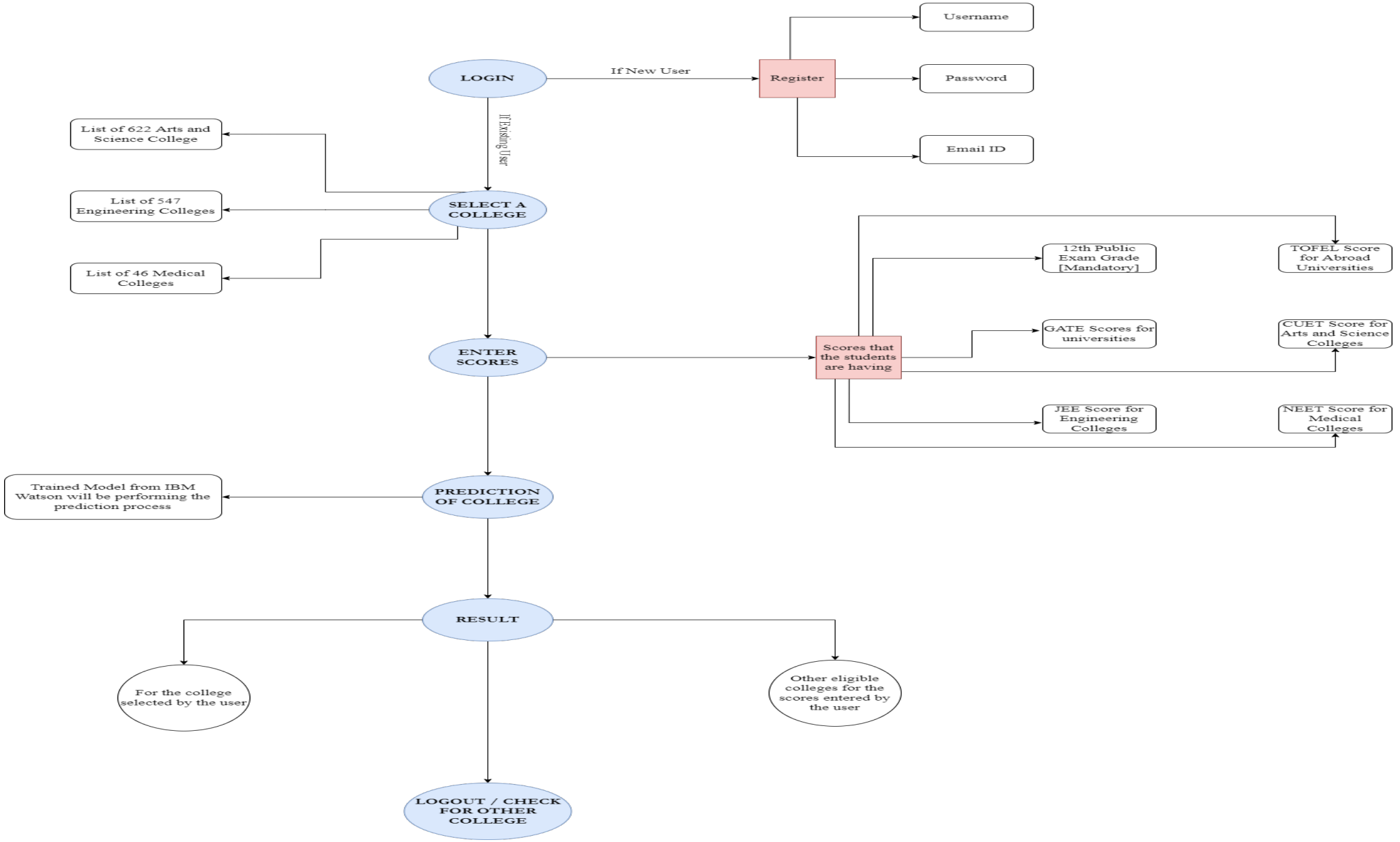
Example: DFD Level 0 (Industry Standard)



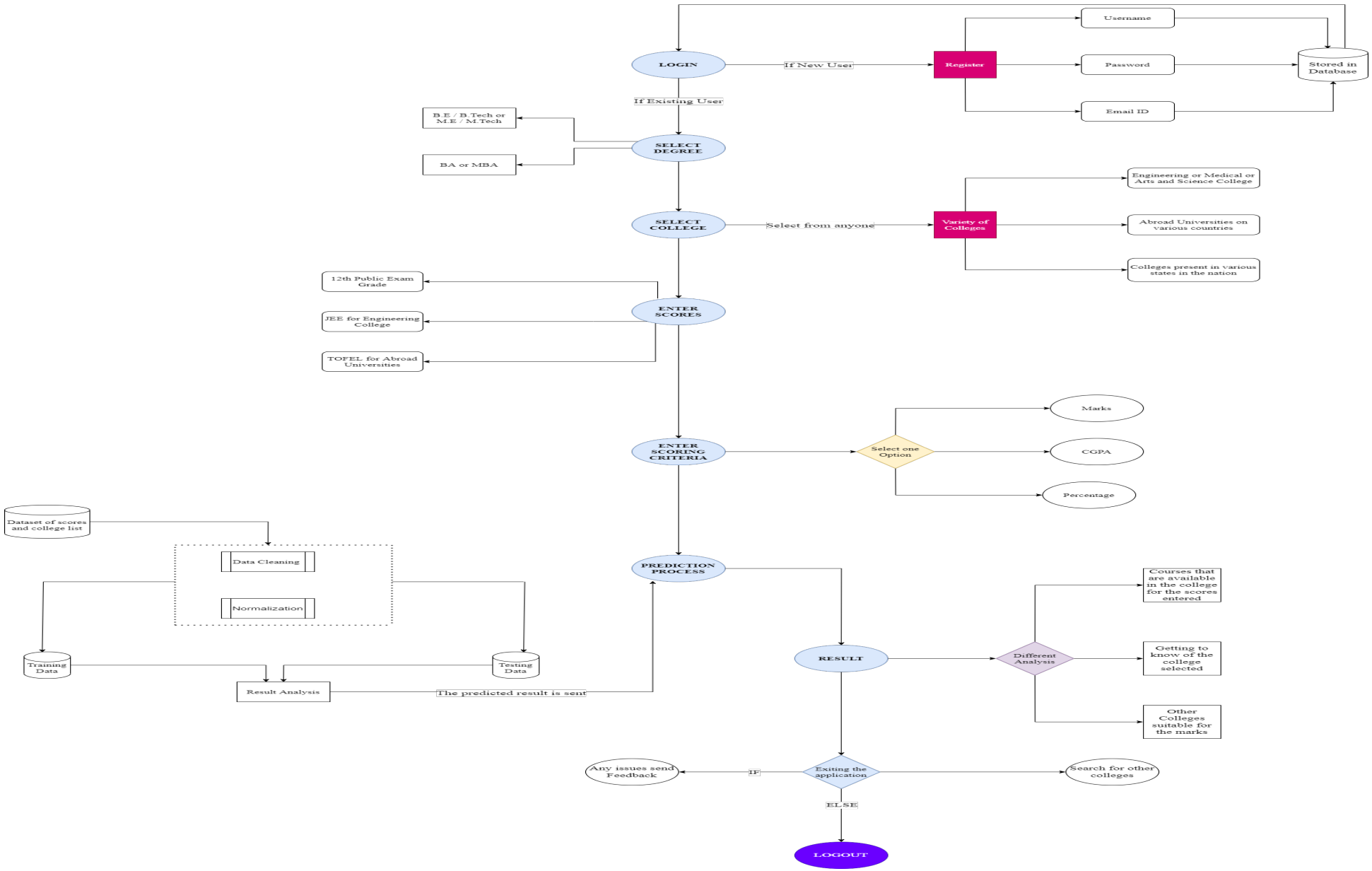
Example: DFD Level 0 (Industry Standard)



Example: DFD Level 1 (Industry Standard)



Example: DFD Level 2 (Industry Standard)



User Stories:

Use the below list for all the user stories of the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user and Mobile User)	Registration	USN – 1	As a user, I can register for the application by entering my email, password, and confirmingmy password.	I can access my account view the dashboard.	High	Sprint – 1
	Registration Confirmation	USN – 2	As a user, I will receive confirmation email I have registered for the application.	I can receive confirmation email & click confirm.	High	Sprint – 1
	Login	USN – 3	As a user, I can log into the application by entering email & password.	I must also have the feature of resetting the password.	High	Sprint – 1
	Dashboard	USN – 4	As a user, I must have the scoring details and demo steps to use the portal.	I must have a clear explanation for using the website.	High	Sprint – 1
	Login	USN – 5	As a user, I need to have the access the same as that of the laptop or desktop the same feel in mobile.	I must not have any discomfort and easy to use in the mobile phone also.	Medium	Sprint – 2
Administrator	Monitoring	USN – 6	As an administrator, I must have the authentication for the website to know about the data that are been stored by the user.	I need to maintain to make the user to use the website with ease for the user every time they login.	High	Sprint – 1
Administrator	Database Update	USN – 7	As an administrator, I should update the database as an when a user registers or sets the new password as a rest.	I need a regular update of the database so that the users can access the website without any problems.	High	Sprint – 3
	Update of Dataset	USN – 8	As a admin, I need to analyze the search and entry of scores by the users and need to make an update if the users are not finding	I need to prepare on an analysis on the basis of the users search on the	Low	Sprint – 4

			the exact details or prediction expected by them.	college names and scores for avoiding any loss of the customers.		
Customer Care Experience	Chatbot / Contact Details	USN – 9	As a user, I must be able to contact the developer team to enquire about any problems.	I need to see the contact details for the communication with the team at any time.	Medium	Sprint – 2
	Feedback	USN – 10	As a customer, when I my problems in feedback form it must reach the development team.	I need the team to made the updates before the next time using of the website.	Medium	Sprint – 3
Deployment	Maintenance	USN – 11	As a part of maintenance, the maintenance of the server during the times of more users using the website.	I need to aware of the server capacity so that the interruption of service may not occur.	Medium	Sprint – 2