

Project Design Phase-II Data Flow Diagram & User Stories

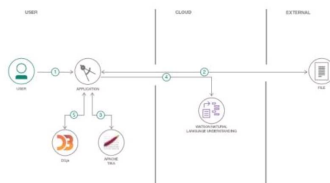
Date	03 October 2022
Team ID	PNT2022TMID32680
Project Name	Project – University Admit Eligibility Predictor
Maximum Marks	4 Marks

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 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.

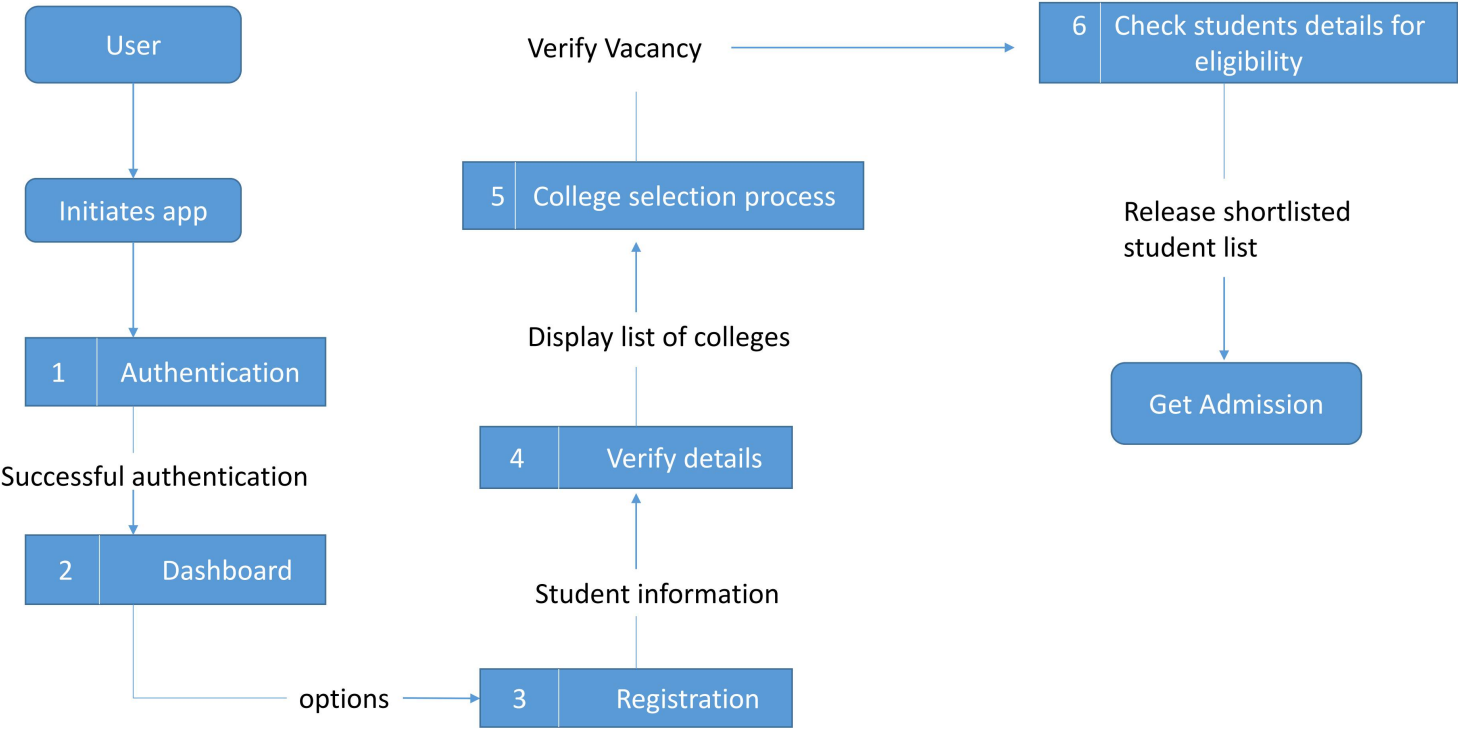
Example: [\(Simplified\)](#)

Flow



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.

DATA FLOW DIAGRAM



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail login	High	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can login & access the dashboard through the email	High	Sprint-1
	Dashboard	USN-6	As a user, I can search the college based on our eligibility and apply for the college.	I can the search the college	High	Sprint-1
Customer (Web user)	Registration	USN-7	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
Customer Care Executive	Communicate customer	USN-8	As a Customer Care Executive, I can able to address student issues and resolve them in a timely and efficient manner.	I can solve the customer problem	High	Sprint-1
Administrator		USN-9	As a system administrator I want to be able to configure user settings so that I can control access	I can access my user details	Low	Sprint-2
Customer (university admission Seeker)	Identify Skills	USN-10	As a user, I can able to identify our skills and eligibility	I can able to identify the skills	High	Sprint-1

	Search the university	USN-11	As a user, I can able to search the university based on our eligibility criteria	I can able to search the university	High	Sprint-1
	Apply for university	USN-12	As a user, I can able to find the university based on our eligibility and apply for the university	I can find the university	High	Sprint-1