

Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID29263
Project Name	Project - NEWS TRACKER APPLICATION
Maximum Marks	4 Marks

Data Flow Diagrams:

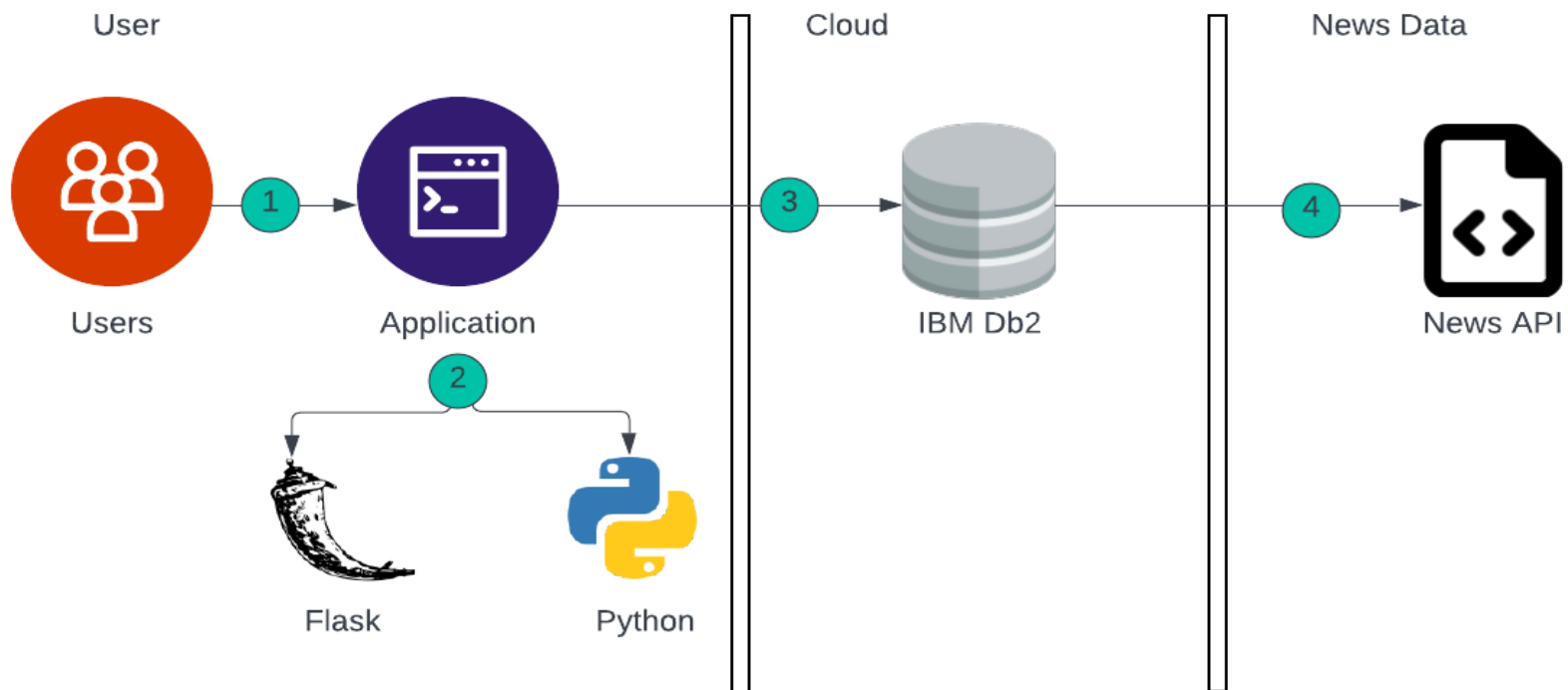


Fig:1 Data Flow Diagram of News Tracker Application(from user registration to dashboard access)

- 1.User opens application
- 2.Registration/Login process done using flask and python
- 3.User input will stored in IBM DB2
- 4.News will be displayed to user using Rapid API (Dashboard)

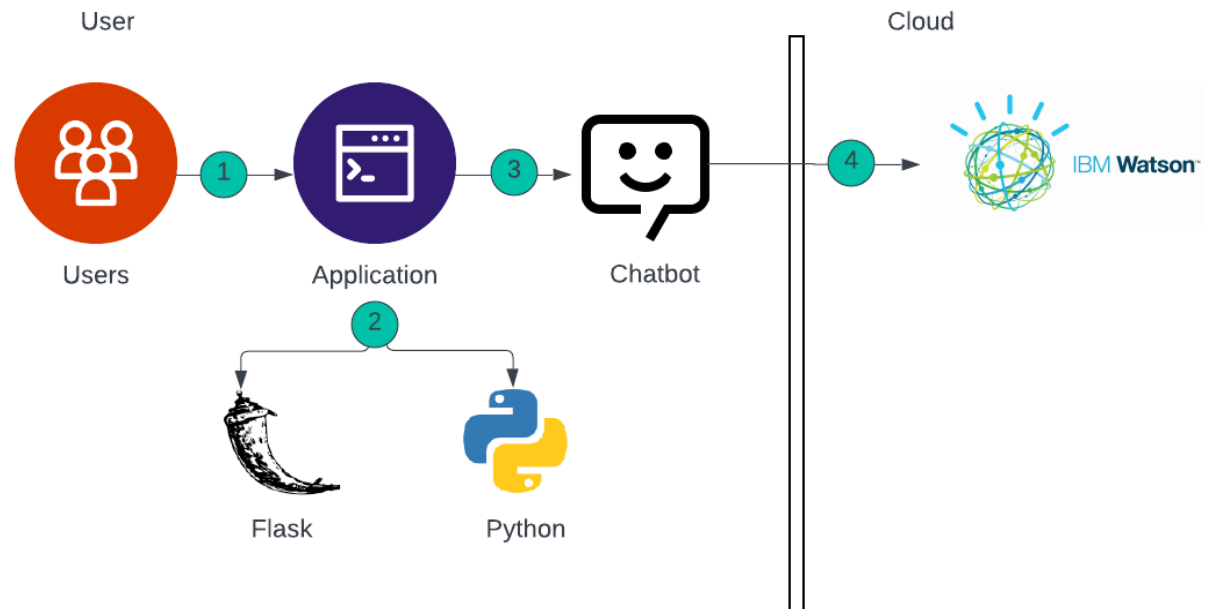


Fig:2 Data Flow Diagram of News Tracker Application(chatbot)

- 1.User opens application
- 2.Registration/Login or accessing dashboard process done using flask and python
- 3.Opens Chatbot
- 4.Chatbot works by using predefined data in cloud(IBM watson)

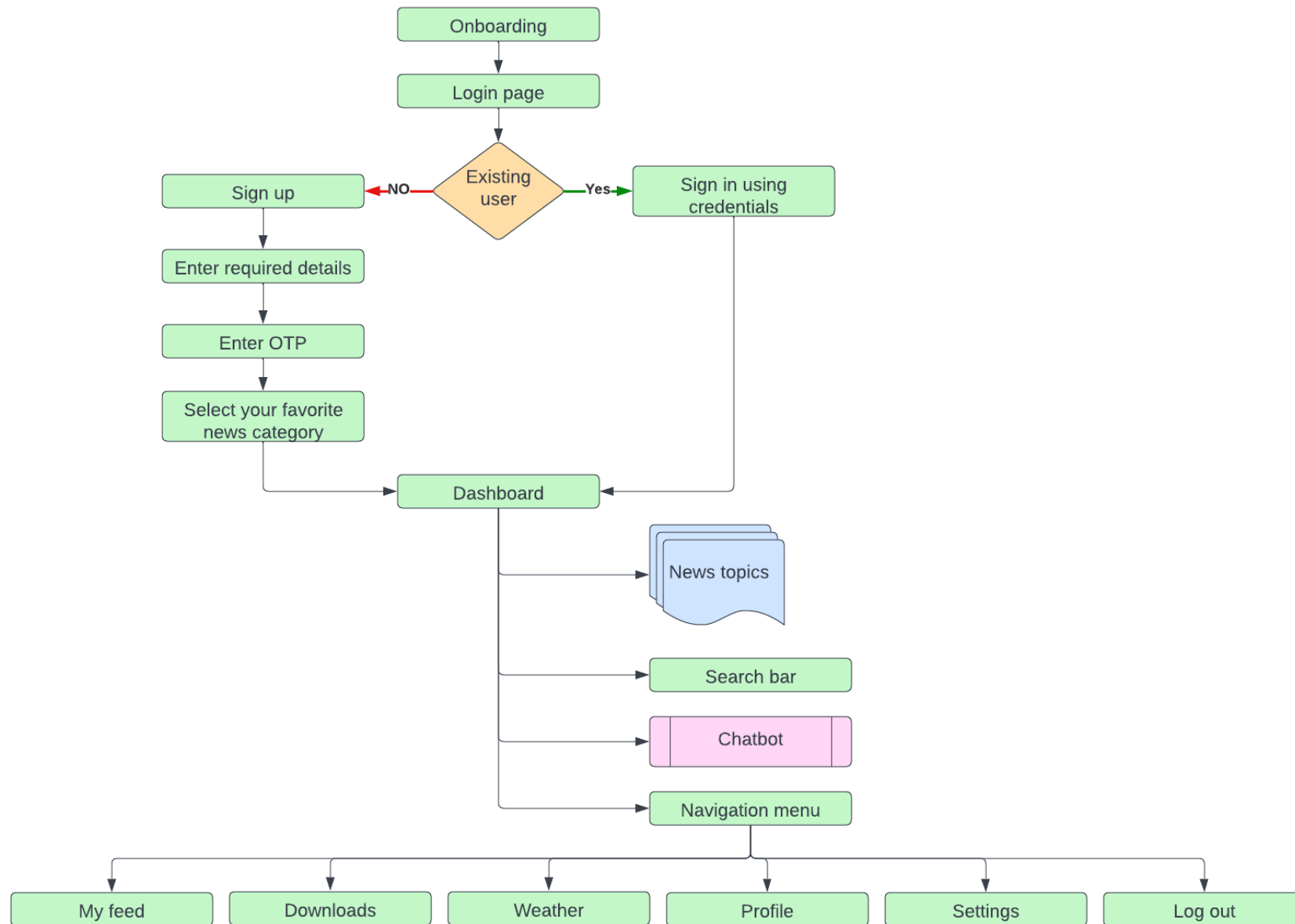


Fig 3: Data flow diagram of News Tracker Application(Web app structure)

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	Release
Customer (Web 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		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I must enter registered email and password	High	Sprint-1
	Dashboard	USN-6	As a registered user I can access my dashboard and read news		High	Sprint-2
		USN-7	As a user I can customize my news interest		Medium	Sprint-2
		USN-8	As a user I can search the news I want using search bar		High	Sprint-2
	Chatbot	USN-9	As a user I can contact customer care by using chatbot		Medium	Sprint-3
Customer Care Executive	User interaction	USN-10	As a customer care executive I must make myself available by providing contact info	I must provide correct contact info	Medium	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Chatbot	USN-11	As a customer care executive I must develop chatbot as effective		High	Sprint-3
Administrator	Verification	USN-12	As a admin I must verify the every user login and their activity	I must check the user (already exists) and user activity(for abusive, profanity and bad behaviours) to remove them.	High	Sprint-1