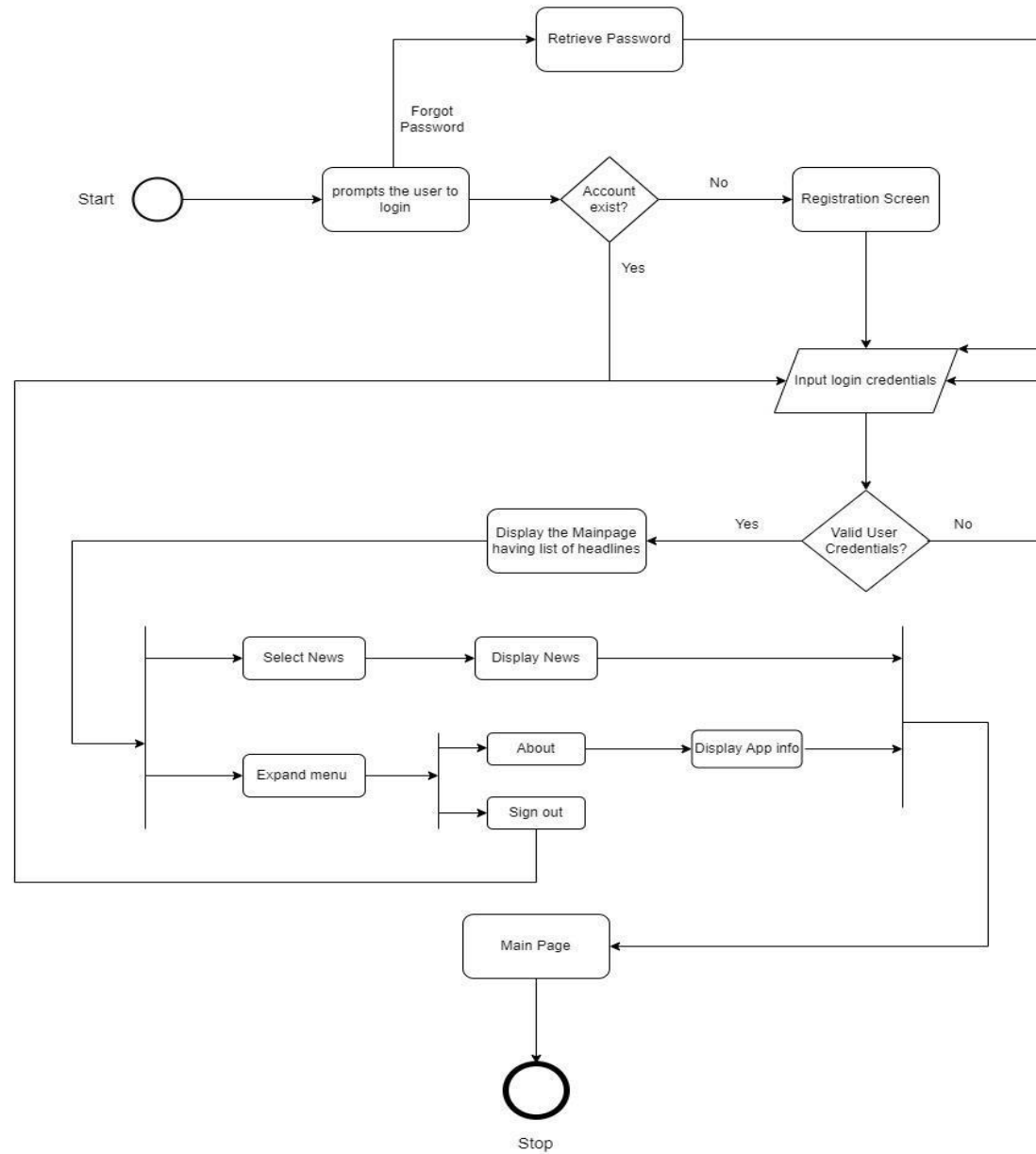


Project Design Phase-II
Data Flow Diagram & User Stories

Date	23 October 2023
Team ID	Team-591110 (Kallol Dutta, Abhiman Singh)
Project Name	An Android Application for Keeping Up with the Latest Headlines
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.



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
End User	Display Latest Headlines	USN-1	View Latest News	<ul style="list-style-type: none">- Headlines are displayed on the home screen.- Tapping a headline opens the full article.- Scrolling through headlines is smooth.	High	Version 1.0
End User	Article Details	USN-2	View Article Details	<ul style="list-style-type: none">- Full article content is displayed.- Images are loaded successfully.- Users can scroll through the article	High	Version 1.0
End User	Navigation	USN-3	Scroll Through Headlines	<ul style="list-style-type: none">- Scrolling is intuitive and responsive	High	Version 1.0
End User	Search	USN-4	Search for Articles	<ul style="list-style-type: none">- Users can search for articles by keyword	Medium	Version 1.1
End User	Filter	USN-5	Filter by Category	<ul style="list-style-type: none">- Users can select a category to filter articles.	Medium	Version 1.1
End User	Save Articles	USN-6	Save Favourite Articles	<ul style="list-style-type: none">- Users can save articles to a favourites section.	Medium	Version 1.1
End User	Notifications	USN-7	Receive Notifications	<ul style="list-style-type: none">- Users receive notifications for breaking news.	High	Version 1.2
End User	Social Sharing	USN-8	Share Articles	<ul style="list-style-type: none">- Users can share articles on social media.	Medium	Version 1.2
End User	User-Friendly UI	USN-9	Intuitive User Interface	<ul style="list-style-type: none">- The user interface is clean and easy to navigate.	High	Version 1.0
End User	Dark Mode/Light Mode	USN-10	Support Dark and Light Modes	<ul style="list-style-type: none">- Users can switch between dark and light modes.	Low	Version 1.1
End User	Privacy	USN-11	Privacy Compliance	<ul style="list-style-type: none">- The app respects user privacy and data protection regulations.	High	Version 1.0
End User	Authentication	USN-12	User Authentication	<ul style="list-style-type: none">- Users can log in or register for an account.	High	Version 1.0
End User	Registration	USN-13	User Registration	<ul style="list-style-type: none">- Users can register for a new account.	High	Version 1.0

