

Prof.V.B.Shah Institute of Management & R.V.Patel College of Commerce (Eng.Med.) & V.L.Shah
College of Commerce (Guj.Med.) &

Sutex Bank College of Computer Applications & Science, Amroli

(Accredited 'B' (CGPA 2.55) by NAAC Dec.-2009)

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT



PROJECT REPORT

ON

News Management System

SUBMITTED BY:

Gaurav RameshChandra Pandey

GUIDED BY:

Ms Sanskruti Ramani

Exam No:

Roll No: 140



**PROF. V. B. SHAH INSTITUTE OF MANAGEMENT,
R. V. PATEL COLLEGE OF COMMERCE (ENG. MED.),
V. L. SHAH COLLEGE OF COMMERCE (GUJ. MED.) &
SUTEX BANK COLLEGE OF COMPUTER APPLICATIONS & SCIENCE**

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Self Financed B.B.A. - B.Com. (Eng. & Guj. Med.) - B.C.A & B.Sc. Data Science Degree Programme

Accredited by National Assessment and Accreditation Council with "B" Grade

Prin. Dr. Mukesh R. Goyani
M.Com., M.Ed., M.Phil., GSET, Ph.D.
Senate Member, VNSGU, Surat

**At & Po. : Amroli, Surat,
Pin. 394107, Gujarat (India)**

www.amrolicollege.ac.in

**(0261) 2494073, 2495643, 2496478
9427113947, 6354626492
principal@amrolicollege.ac.in
Principal_230@vnsu.ac.in**

Bachelor of Computer Application Project Certificate

***This is to certify that Mr. GAURAV RAMESHCHANDRA PANDEY
Exam No: _____ (Roll No: 140) has successfully completed his
Minor Project Work on the Title : News Management System
for the Subject: Advance Web Design of the 5th Semester
during the academic year 2024-25.***

Internal Guide : Ms. Sanskruti Ramani

Signature :

Date :

**Dr. Mukesh R. Goyani
Principal**

External Examiner :



Details

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1.Introduction

1.1 Overview

- Project Name: News Management System

- Purpose News Management System

Content Delivery:

They provide timely and relevant news to the audience, ensuring that users stay informed about current events and developments.

User Engagement:

These websites often include features like comments, polls, and social media integration to engage readers and encourage interaction.

Monetization: News websites generate revenue through advertisements, subscriptions, and sponsored content. Effective management ensures these revenue streams are optimized

Content Organization:

They categorize and archive news articles, making it easier for users to find and access past content

News Management System

Personalized Content:

Use algorithms to recommend articles based on user preferences and reading history.

Push Notifications:

Keep users updated with breaking news and personalized alerts.

Social Sharing:

Make it easy for users to share articles on social media platforms.

User Comments and Discussions:

Allow users to comment on articles and engage in discussions.

Multimedia Integration:

Include images, videos, and infographics to make articles more engaging.

Offline Reading:

Enable users to save articles for offline reading.

1.3 Technical details:

- Framework: Built using Html and CSS and JavaScript and bootstrap for the frontend and Php for the backend.
- Database: Uses SQL for fast and flexible data storage.
- APIs: RESTful APIs for efficient data exchange between client and server.
- Hosting: Deployed on AWS for scalable and reliable hosting solutions.

Benefits

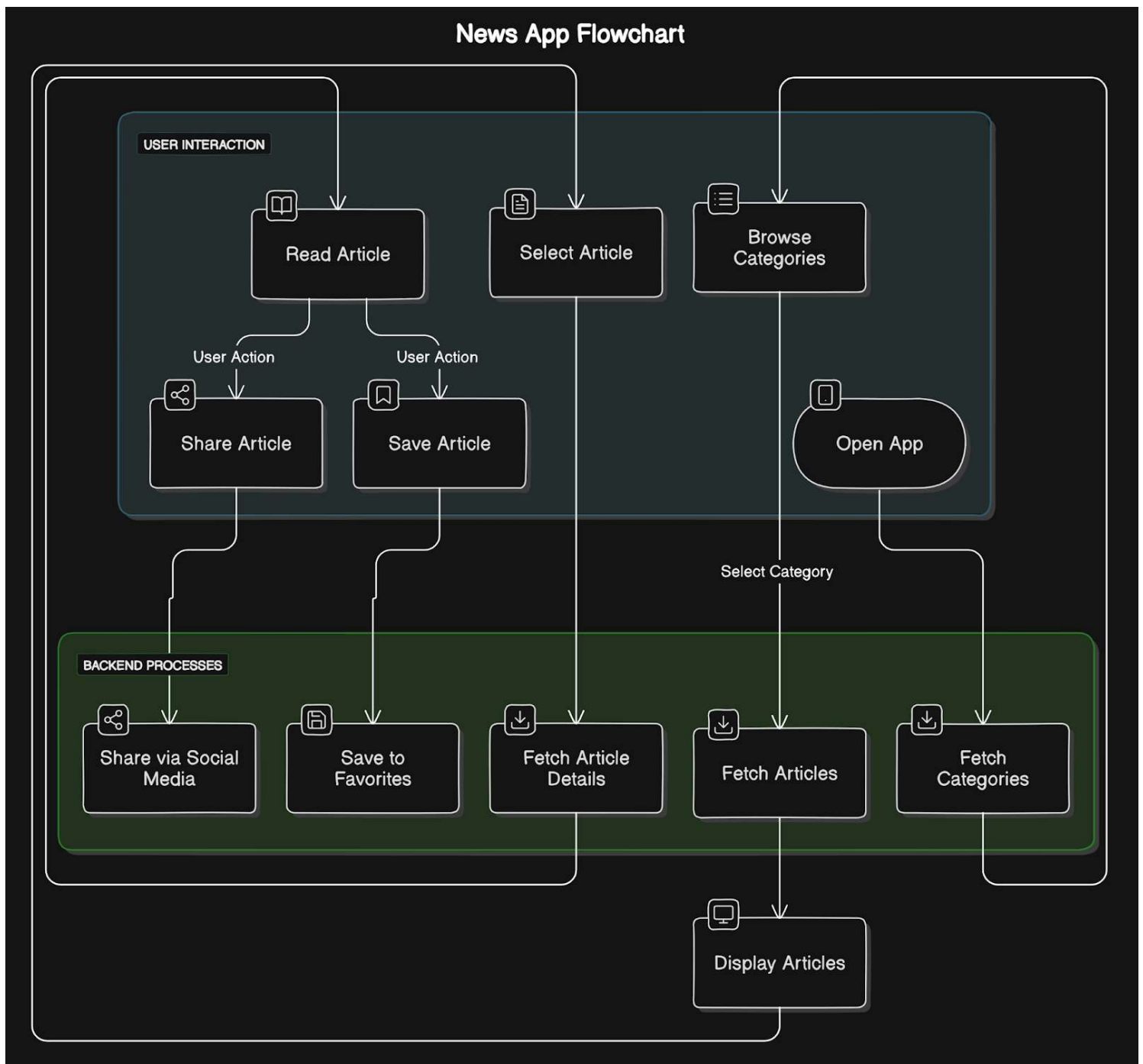
- Enhanced Productivity: Simplifies content management processes for faster publication.
- Improved SEO: Built-in tools to boost article visibility on search engines.
- Better Engagement: Analytics provide insights to tweak content for better reader engagement.
- Scalability: Easily handle growing amounts of content and user traffic.
- Security: Robust authentication and data protection measures.

News Management System

DIAGRAMS

• User process flow

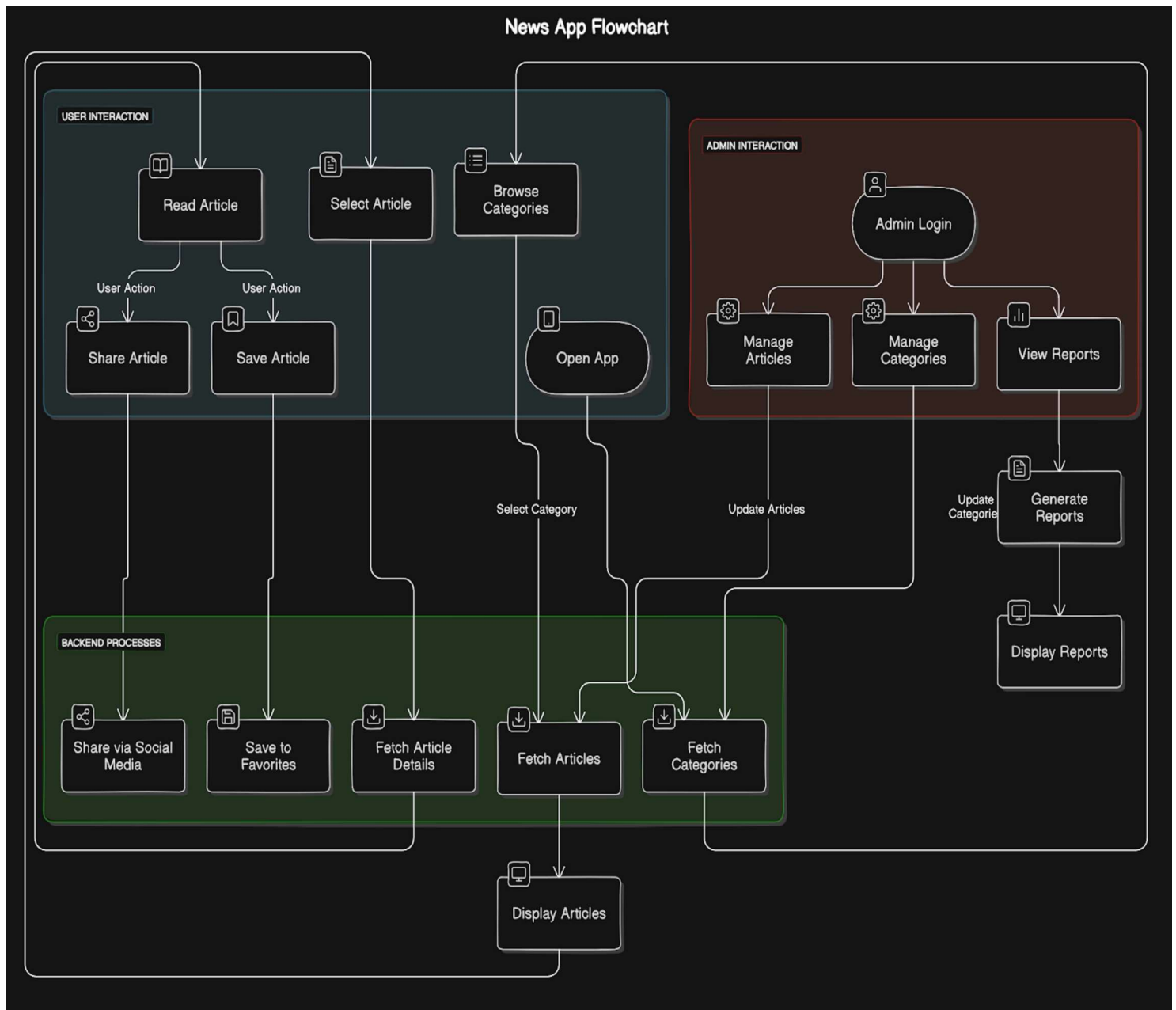
- Log in or register.
- reading articles or trending news
- Saved news
- Update profile



News Management System

• admin based flow

- Log in or register
- daily active users
- manage user accounts
- performing insert and delete, update in database

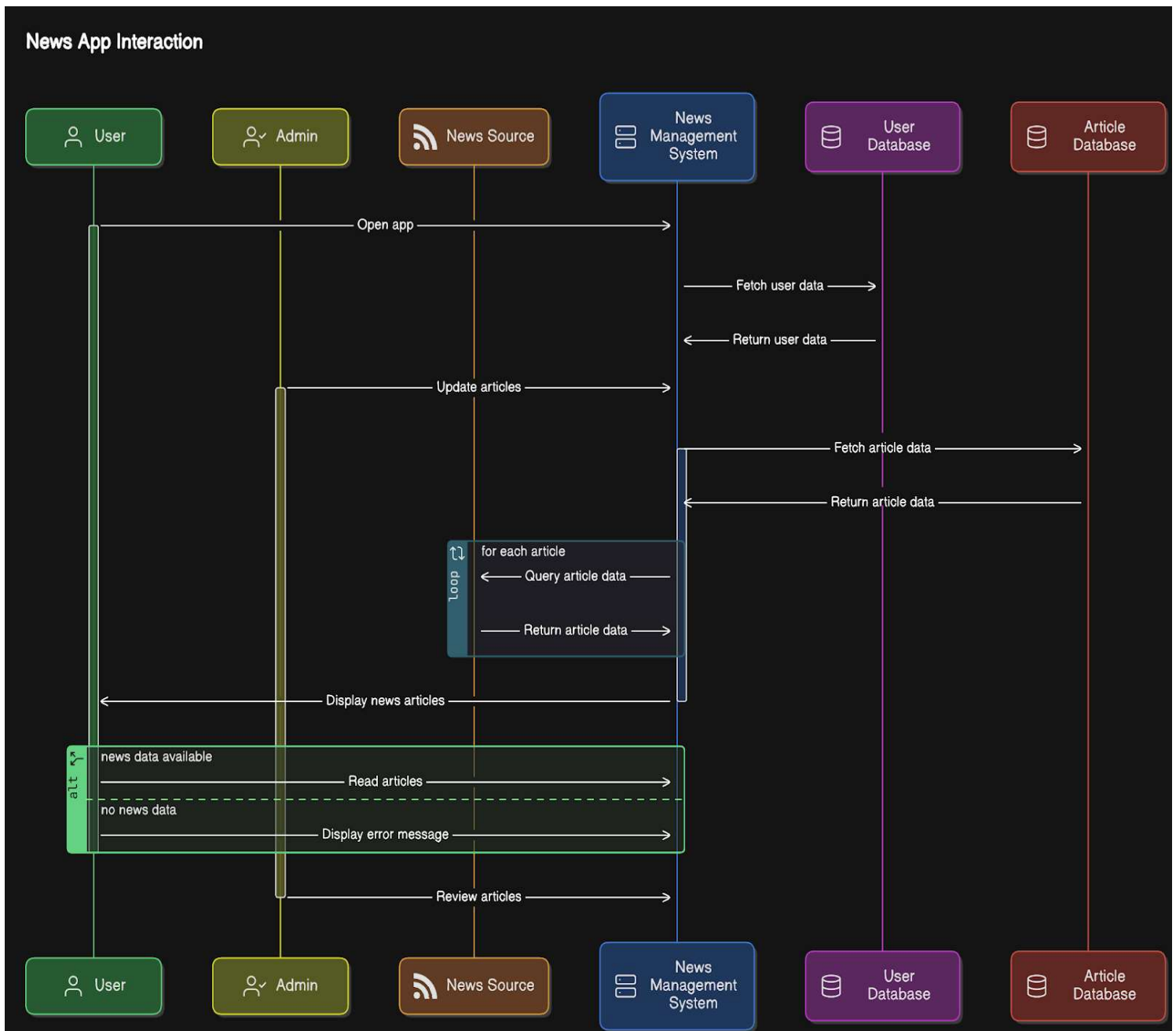


News Management System

DFD FLOW DIAGRAM

Level 0 DFD

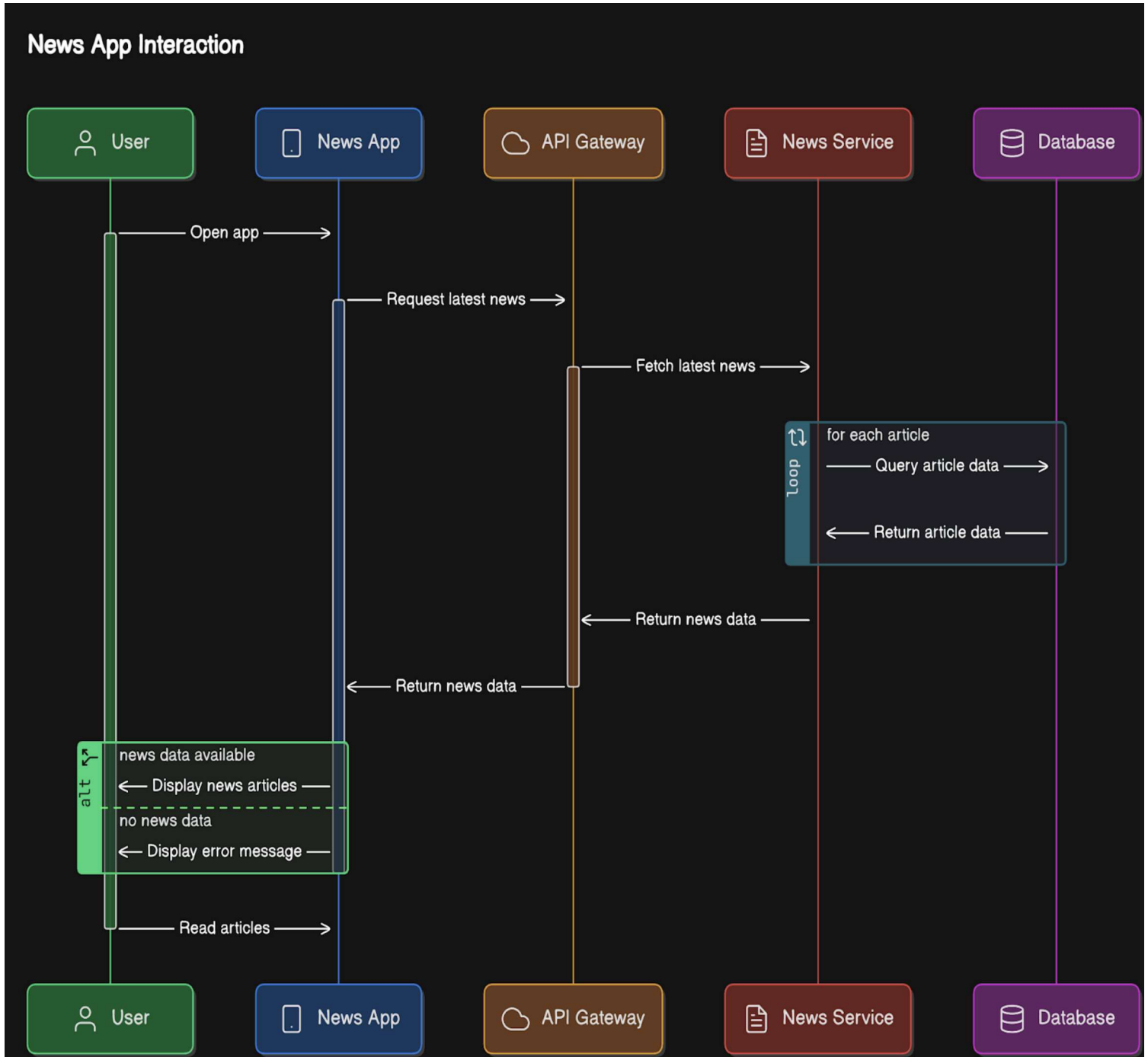
- This is the highest level of DFD, showing the system as a whole and its interactions with external entities.
- External Entities: Users, Admins, News Sources
- Processes: News Management System
- Data Stores: User Database, Article Database



News Management System

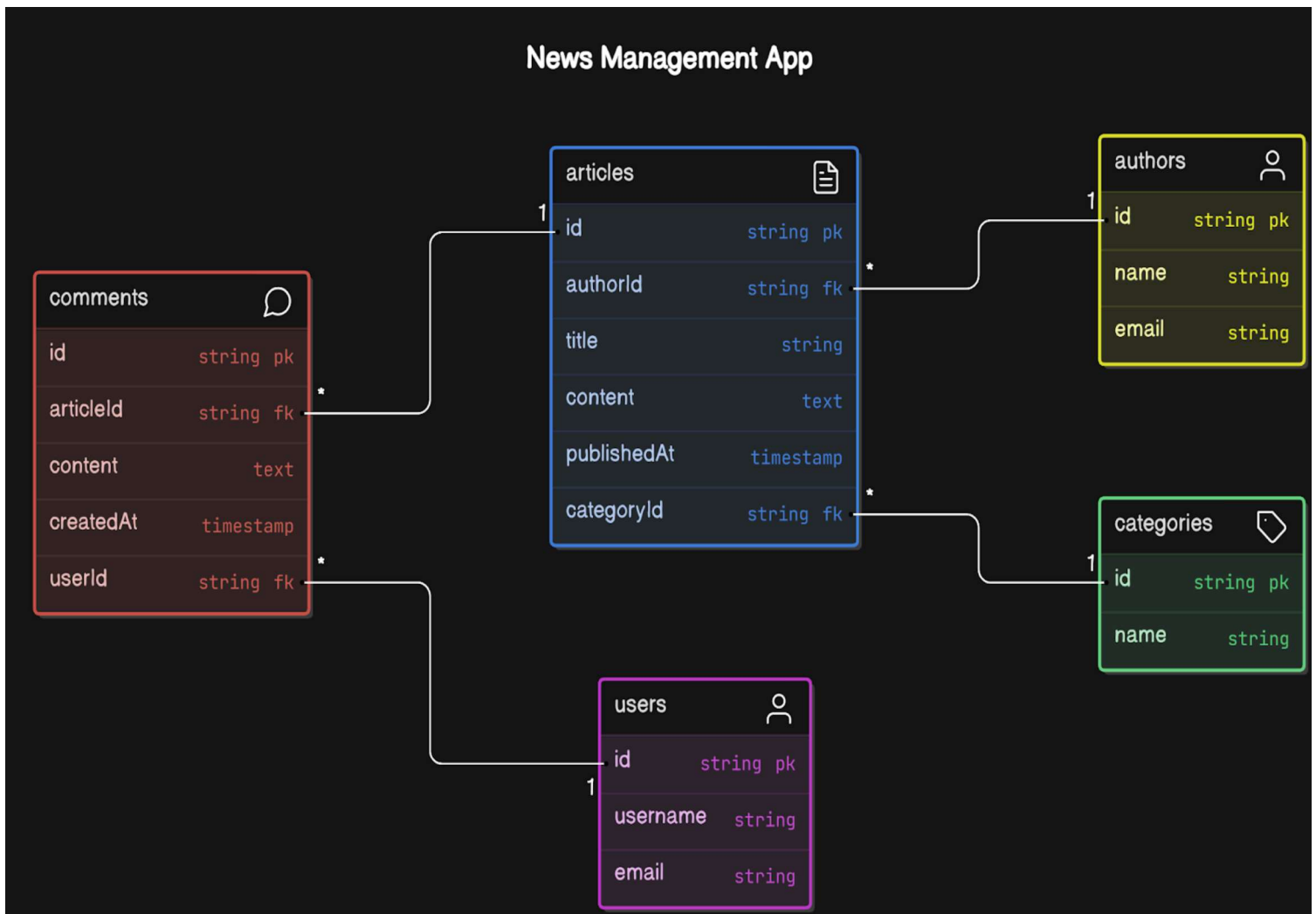
• Level 1 DFD

This level breaks down the main process into sub-processes.



2.3 Entity-Relationship (ER) Diagram

The ER diagram defines the relationships between the entities in the system and how they interact within the SQL database.



8.Database Design

● User table:

User Table		
Field name	Data type	constraints
id	number	Not null
Name	string	Default null
Email	string	Not null
Password	string	Not null
profile image	String	Default null

News Management System

● categories table:

categories Table		
Field name	Data type	constraints
id	number	Not null
News articles	String	Not null
news analysis	String	Not null
editorials and opinions	String	Not null
News Stories	String	Not null
Sports journalism	String	Not null
Entertainment journalism	String	Not null

News Management System

● Articles table

Articles Table		
Field name	Data type	constraints
id	int	Not null
authorId	number	Not null
title	String	Not null
content	String	Not null
Published date	date	Not null
categories	String	Not null

News Management System

- **signup:**

Signup

Name

Email

Mobile

Password

News Management System

- **login:**

Login to your account? **signup**

Email

Password

'Password must be at least 8 characters long one uppercase letter one lowercase one digit and a special character'

[ForgetPassword](#)

Login

News Management System

- Admin login:

Login

if You are admin then login

Email

Password

Login

News Management System

- **Reset password:**

Reset Password

Email address

New Password

Confirm Password

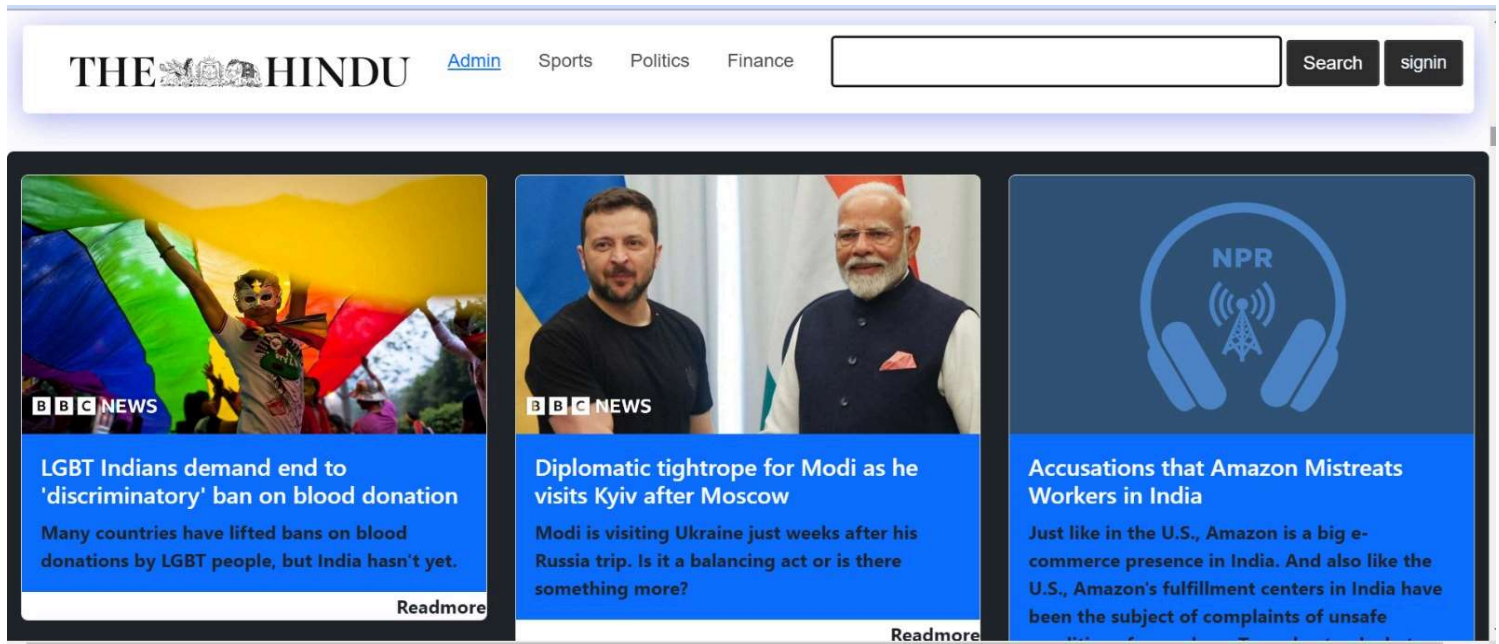
Submit

News Management System

● Database:

Id	Email	Password	Delete
10	saurabh@gmail.com	!Hb34789	Home
11	shiv@gmail.com	!Qw34567	Home
12	heer@gmail.com	!As34567	Home
13	aditya@gmail.com	1!Asrt56	Home
14	yogesh@gmail.com	!As45678	Home

- Home page



News Management System

- Search bar:

THE HINDU

[Admin](#)

Sports


Politics

Finance

rohit sharma captain


Search

signin




'If Rohit Comes In Auction...': PBKS Official Hints At Stunning IPL Move

Indian cricket team captain Rohit Sharma has been in the middle of a lot of chatter when it comes to his future in the Indian Premier League (IPL).



Virat Kohli, Yashasvi Jaiswal move up in Test rankings, Rohit Sharma drops to 6th

Dubai, Aug 28 (PTI) Senior India batter Virat Kohli moved up two rungs to eighth place while his captain Rohit Sharma dropped a spot to sixth in the latest ICC Test rankings released



Shreyas Iyer's Loud "Intent" Remark A Message To Gambhir, Rohit

With a cracking half-century, and comments to follow up, Iyer seems to have sent a loud and clear message to India captain Rohit Sharma and head coach Gautam Gambhir.