1.Introduction

The rise of digital media has transformed how people access news and information. Traditionally, people relied on newspapers as their primary source of news and information but online news platforms have emerged as the main source of information. However, the vast amount of information available online can be overwhelming, making it difficult for users to find relevant news sources. **Satya Khabar** is the one which provides a user-friendly interface, reliable and topic- wise news and offering a personalized and interactive news reading experience. The main purpose of this **Satya Khabar** is to delivering timely and relevant news content to a broad audience on different topics, allowing users to stay informed about current events and trends.

2.Aim and Scope

The main aim of this **Satya Khabar** to delivering timely, accurate and relevant news content to a broad audience on different topics and engaging features such as like, share, comment and pins, allowing users to stay informed about current events and trends. The project will cover the development of the **Satya Khabar** Website including frontend design, backend development, database integration and API's. The **Satya Khabar** will include the user authentication, Admin Dashboard and search and pin functionality.

3.Current Problems and Proposed Solutions

- ➤ **Current Problems:**
  - ❖ Users can face the confusion due to large number on online news sources, making it hard to find the relevant information.
  - ❖ User may receive the news that may not match their interests or preferences.
  - ❖ It can be challenging to find the reliable and trustworthy news.
  - ❖ Few options for the users to share the feedback of the news.

- ➤ **Proposed Solutions:**
  - ❖ Offers news that matches user interest by selecting the topics.
  - ❖ Add features such as like, share, comment and pins for user engagement.

4. High Level Requirements

4.1 Functional Requirements:

1. **Login:** This website allows admin to login and has ability to control all the things. User should login only when he/she what to interact on the post.
2. **Display News:** This website displays all the trending and recent post news and also display based on the topics.
3. **Search Functionality:** Users can search for the news articles they want to read.
4. **Content Management:** Admins can upload, edit, delete and manage news content.
5. **User Interaction:** Features for like, comment, share and pins the news articles.
6. **Notification:** Users receive push notification after user login.

4.2 Non- Functional Requirements:

1. **Performance:** The website should load in under 3 seconds for user experience.
2. **Scalability:** The website should handle the load without decreasing performance.
3. **Security:** Ensure the user data protection with secure authentication and authorization.
4. **Reliability:** The websites should be reliable and available all the time.

4.3 Requirement Prioritization Table:

Type of Requirement	Features	Prioritization
Functional Requirement	Login	HIGH
	Display News	HIGH
	Search Functionality	MEDIUM
	Notification	LOW
	Content Management	HIGH
	User Interaction	MEDIUM
Non-Functional Requirement	Performance	HIGH
	Security	HIGH
	Scalability	MEDIUM
	Reliability	MEDIUM

5. Design
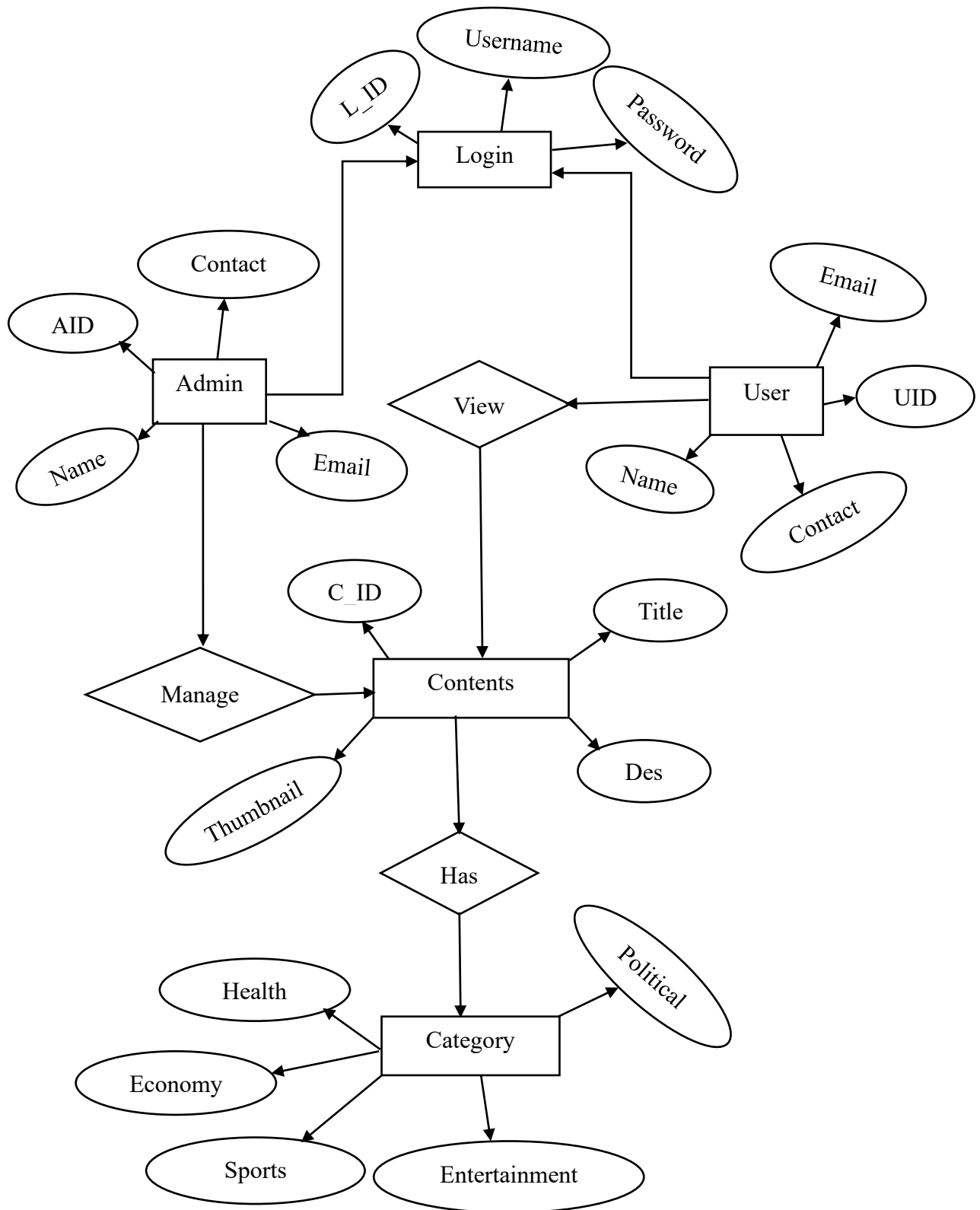
5.1 ER Diagram

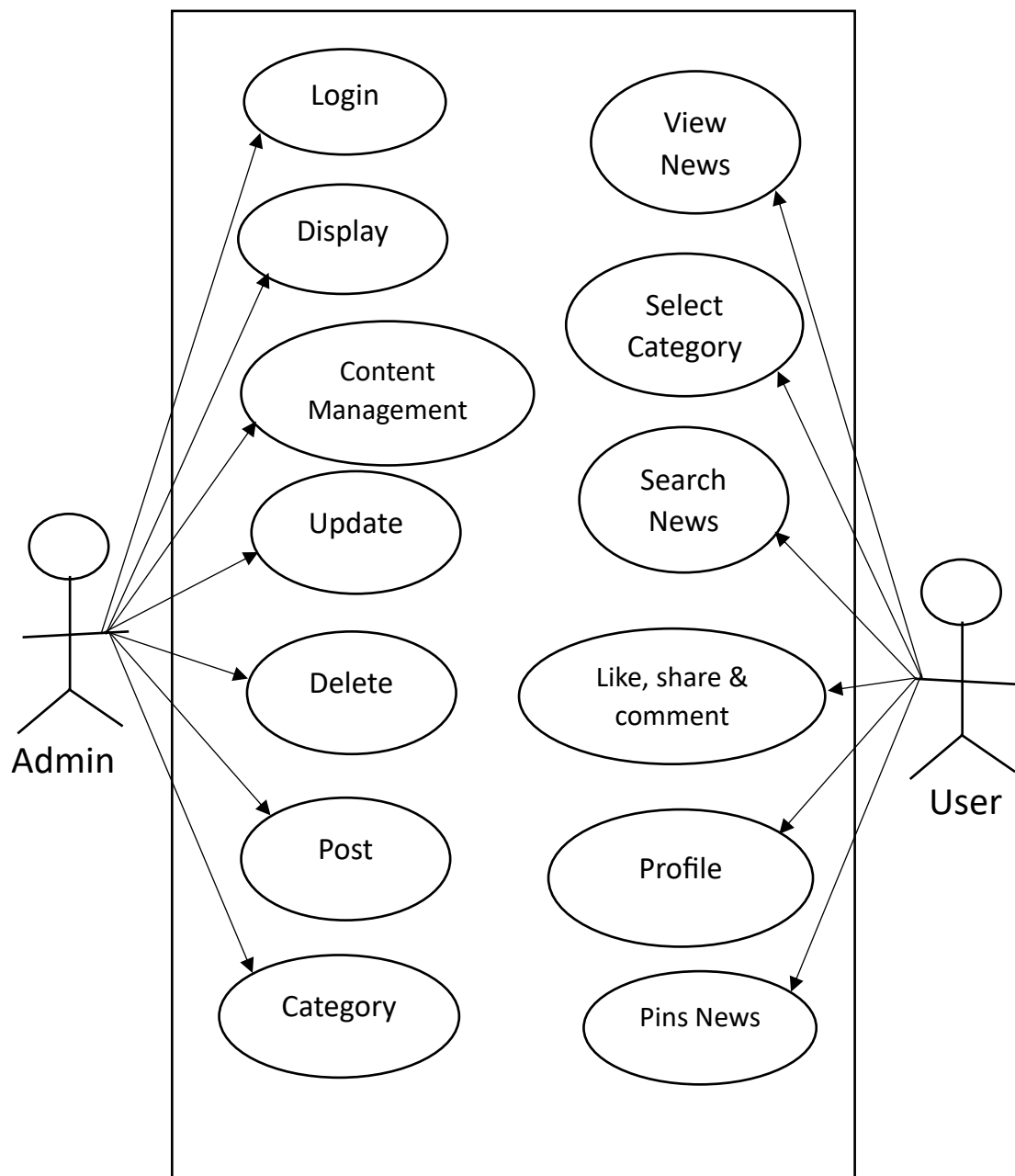Fig: - ER Diagram

5.2 Use Case

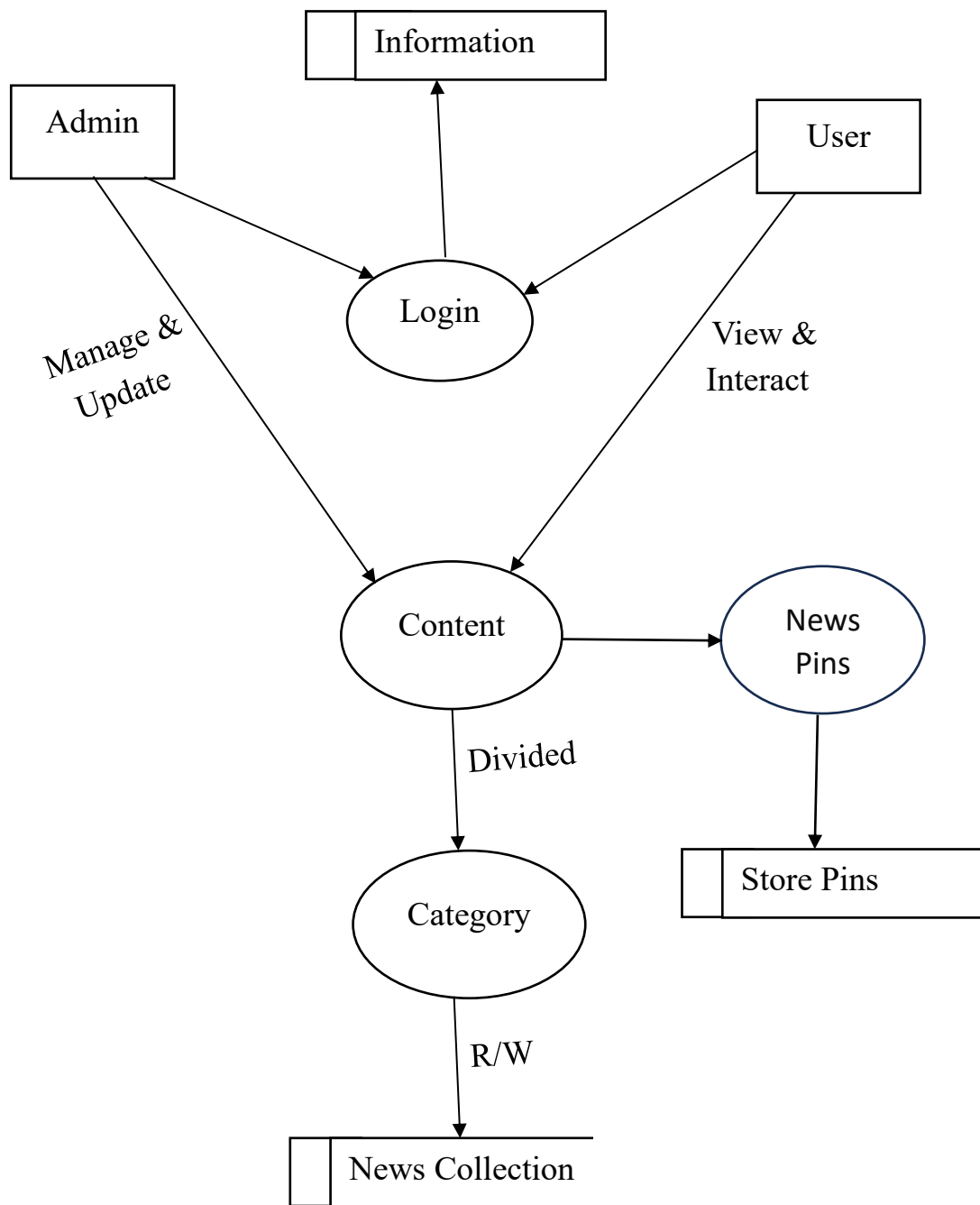Fig: - Use Case Diagram

5.2 Data Flow Diagram

Fig: - Data Flow Diagram

6. Detailed Budget

6.1 Detailed Budget:

It includes the cost of UI/UX design, frontend development, backend development, database integration and testers for building the full flexed News Portal.

6.1 Budget Breakdown:

- **Design Costs:**
  - UI/UX Design: Rs.22000

- **Development Costs:**
  - Frontend Development: Rs. 35000
  - Backend Development: Rs. 60000
  - Database Setup: Rs. 15000/month

- **Testing Costs:**
  - Testing: Rs. 10000

- **Maintenance:**
  - Yearly Maintenance: Rs. 20000

- **Total Estimated Budget:** Rs. 162000

7. Detailed Timeline

It involves breaking down the project into smaller tasks and estimating the time required to complete each task. We have following scheduled time for the completion of this project.

Task	Days	Description
System Analysis and Requirement Gathering	3 days	Analyzing the problems, need and requirement of the project
System Design	3 days	It includes UI/UX design using Figma
System Development	15 days	Developing system using Laravel for frontend and backend and Microsoft SQL for database integration based on design specification
System Implementation	2 days	Bringing system into an action making it operational
System Testing	2 days	Testing of website from all the aspects and analyzing whether our website meets the requirement or not if not then find best possible solution
Finalizing System	1 days	Lastly, finalizing our website into an action so that user can browse it.

8. User Interface

❖ **Login and Registration:** User can register and login.
❖ **Home Page**: Features a clean, modern layout with latest news articles, search bar and category navigation.
❖ **News and Article Page:** Display the article image with detailed information and options for like, comment, share and pins.
❖ **Category Page:** User can select each category as per their interest.
❖ **Admin Dashboard:** It includes content management like upload, edit and delete the posts.
❖ **User Profile:** User can see their profile after login.

9. Conclusion

This **Satya Khabar** website aims to deliver the accurate and relevant news content to a broad audience on different topics and engaging features such as like, share, comment and pins, allowing users to stay informed about current events. It includes features like login, user profile, display news based on the category, user authentication and authorization, user engagement such as like, comment and share.

10.Reference

Online Khabar: (Bhushal, n.d.)

References

Bhushal, D. R. (n.d.). Retrieved from Online Khabar: https://www.onlinekhabar.com/