ABSTRACT

The goal of the Online News Portal is to automate the current manual system with the aid of computerized hardware and comprehensive computer software, meeting their criteria, in order to keep their important data and information for a longer period of time with simple access and manipulation. The necessary gear and software are readily available and simple to use.

The above-described online news portal can result in an error-free, secure, dependable, and quick management system. Instead of focusing on record keeping, it can help the user focus on their other activities. As a result, it will aid organizations in making better use of their resources. The company can keep computerized records updated without making duplicate inputs. In order to access the knowledge, one does not need to be side-tracked by irrelevant information.

The goal is to automate its current manual method with the aid of computerized tools and comprehensive computer software, meeting their needs, so that their important data and information may be saved for a longer period of time with simple access and manipulation. The project essentially outlines how to manage for improved performance and better customer services

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CHAPTER 1

INTRODUCTION

To overcome the issues, present in the working manual method, the "Online News Portal" was created. At present information is one the most valuable resource of the current world. The main purpose of the project is intended to develop a portal for management of web-based news. We have developed our project so that we can aware the people about current issues.

The user doesn't require any formal training to use this system. This demonstrates how user-friendly it is. An online news portal can result in an error-free, safe, dependable, and quick system. The purpose of the project is to develop an Online news system and provides news for all viewers. All the news regarded to the category will be updated regularly by admin. Users satisfaction related to news will be fulfilled. The idea is anyone can send a news item to the news website which is managed by the administrator to whom the editor's panel kept in charge for this to make it visible for the masses. This portal provides dynamic news for all the viewers. All the news regarded to the category will be updated regularly by admin. The portal system has basically three user parts where one is user who can view, add comment and another is admin who will manage or control the website and another is Reporter can upload NEWS.

1.1 SCOPE

- Manage the details of News, Category, Latest News, Weather News, Bollywood News.
- Develop the comments reply and its feedback system.
- Anytime, anywhere, anyone can know about the news or information by internet at low cost.
- Dynamically provides facility.
- To add any new information without any complexity.
- Managing the information of news category.

1.2 OBJECTIVE

- This project's goal is to create a web application for an online newspaper website that can inform users.
- The daily news is what our project aims to give.
- The objective of this project is to provide the breaking news.
- To do this for more widely coverage of distribution and faster dissemination of information in a timelier manner.
- Those people who don’t have time to read the newspaper and always linked with internet can get more information.
- Money and time will also save.

1.3 PROJECT SPECIFICATION

ADMINSTRATION ASPECT:

- Administrator can Login into the system
- Administrator can add/ approve, delete, edit Reporter.
- Administrator can add/ modify/ delete post/news details.
- Administrator can add/ modify/ delete category details.
- Administrator can add/ modify/ delete sub-category detail.
- Administrator can add/ modify/ delete the images in the gallery.
- Administrator can approve/disapprove the comments entered by the users.
- Administrator can add sub admin.

REPORTER ASPECT:

- Reporter can register and Login to the system.
- Reporter can add news.
- Reporter can add category.

USER ASPECT:

- Register and login to the system.
- View all the news category wise.
- Comment under a specific news

1.4 PROJECT REPORT ORGANIZATION:

The report has six chapters. They are:

- **Chapter 1** is the Introduction which give the basic idea about Online News Portal.
- **Chapter 2** is the Requirement Specification in which includes the hardware and software requirements of the project.
- **Chapter 3** is the Background which explains the problem behind the system and functions of proposed system.
- **Chapter 4** is System Analysis and Design which shows the working of Online News Portal.
- **Chapter 5** is Results and Outputs which shows the outcome of the project.
- **Chapter 6** is Conclusion which summarize the report.

CHAPTER 2

REQUIREMENT SPECIFICATION

2.1 HARDWARE REQUIREMENT:

- **Processor:** Dual Core, Pentium IV, or Higher
- **RAM:** 1GB Ram or above
- **Storage:** 256 GB HDD or above
- **I/O Devices**: Keyboard, Mouse

2.2 SOFTWARE REQUIREMENT:

- **Operating System:** Windows, Linux
- **Web-Browser:** Mozilla Firefox, Chrome, any browser
- **Front end:** HTML, CSS, Bootstrap, JavaScript
- **Back-End**: MySQL.

CHAPTER 3

BACKGROUND

3.1 EXISTING SYSTEM:

There were several issues with the outdated manual system. The process of storing, preserving, and retrieving the information was exceedingly time-consuming and labour-intensive because the entire system had to be maintained manually. The records were never kept in a structured manner. It was necessary to go through the various records for information because report generation never existed for papers. Every time records are entered or retrieved; time is wasted in an unwanted manner. Another issue was that it was exceedingly challenging to spot mistakes made when entering the records. It was quite difficult to amend the records once they were entered.

3.2 PROPOSED SYSTEM:

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

The user can directly login into the system and he/she can choose the domain of news, which they are looking for and can read it. It is fully secured from unauthorized access. There are several categories for the users such as Most popular news, editor’s choice, breaking news, and others. Besides, the users can simply click on any of the posts and view its content with a responsive UI. The proposed system allows user to read up to date news related to many fields like sports, entertainment, politics, Bollywood etc.

3.3 FEASIBILITY STUDY:

The following task is to do a feasibility analysis for the project after finishing the Online News Portal project, researching, and analyzing all of the system's current or necessary functions. Given limitless resources and an endless amount of time, all endeavors are achievable. When doing a feasibility study, all solutions to the situation at hand are taken into account. All user requirements should be met by the suggested solution, and it should be adaptable enough to allow for future changes depending on new requirements.

ECONOMIC FEASIBILITY:

Development of this application is highly economically feasible. The economic feasibility step of business development is that period during which a break-even financial model of the business venture is developed based on all costs associated with taking the product from idea to market and achieving sales sufficient to satisfy debt or investment requirements

TECHNICAL FEASIBILITY:

Given that it won't be too difficult to obtain the resources needed for both system development and maintenance, we can confidently state that it is technically feasible. We are making use of the resources that are already on hand because the organization has all the resources required for both the creation and maintenance of the programmed.

CHAPTER 4

SYSTEM ANALYSIS AND DESIGN

4.1 REQUIREMENT ANALYSIS

Requirement is a feature that must be included in a new system to determine what is being done and how it is carried out at Interface level. We collected necessary information in the requirement analysis the existing system was studied to determine the requirements. To find out what it operated and where the improvement and adjustment are possible their requirement to be included in the new system came out to be. Some of the modules of the system are-

- Manage Category News wise.
- Add/ edit/ deleted News.
- Manage Breaking News.
- Add/ edit/delete Breaking News.
- Individual Login system (Admin, Reporter, Registered user)
- Manage Comments.
- Add/ delete comments.
- Admin can add other reporters to database section for performing news section.
- All types of settings are managed by admin.
- Only registered user can login to the system.
- Admin can view and give feedback to the things requested from user.
- Featured News slider.

4.2 DATA FLOW DIAGRAM:

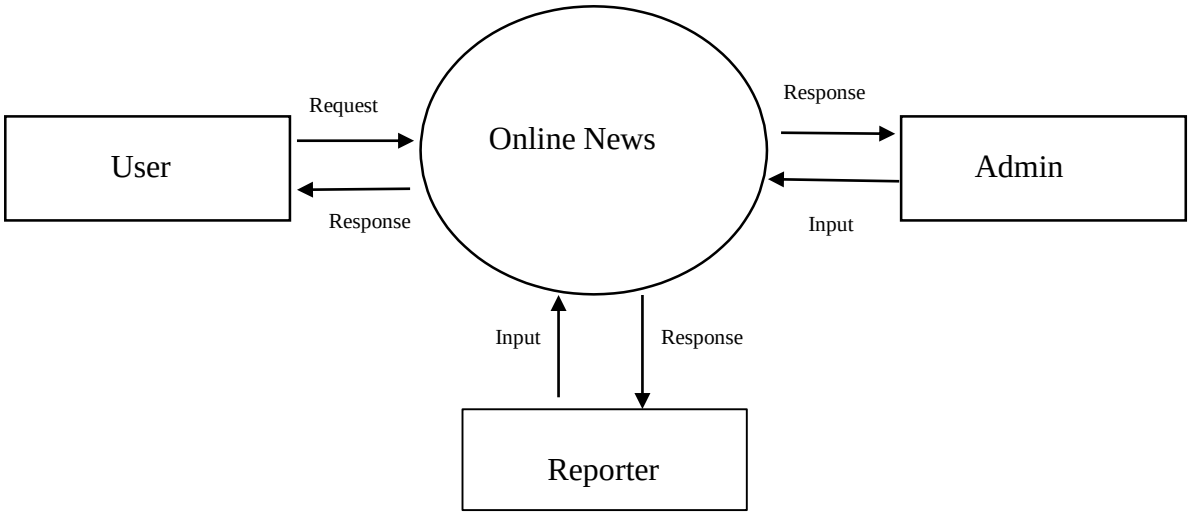

Figure 4.2.1: Context Level Diagram

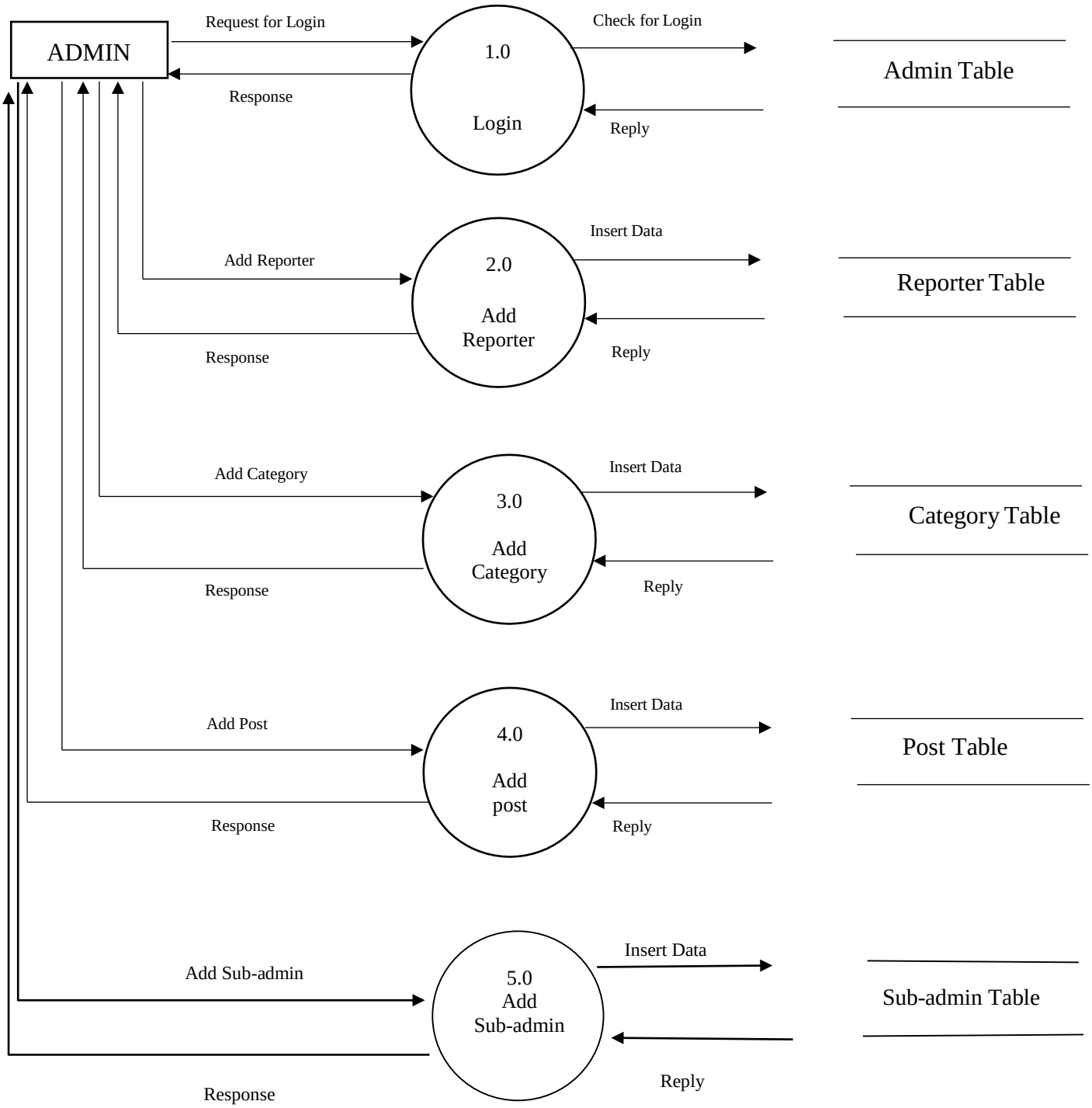

Figure 4.2.2: Admin DFD Level – 1

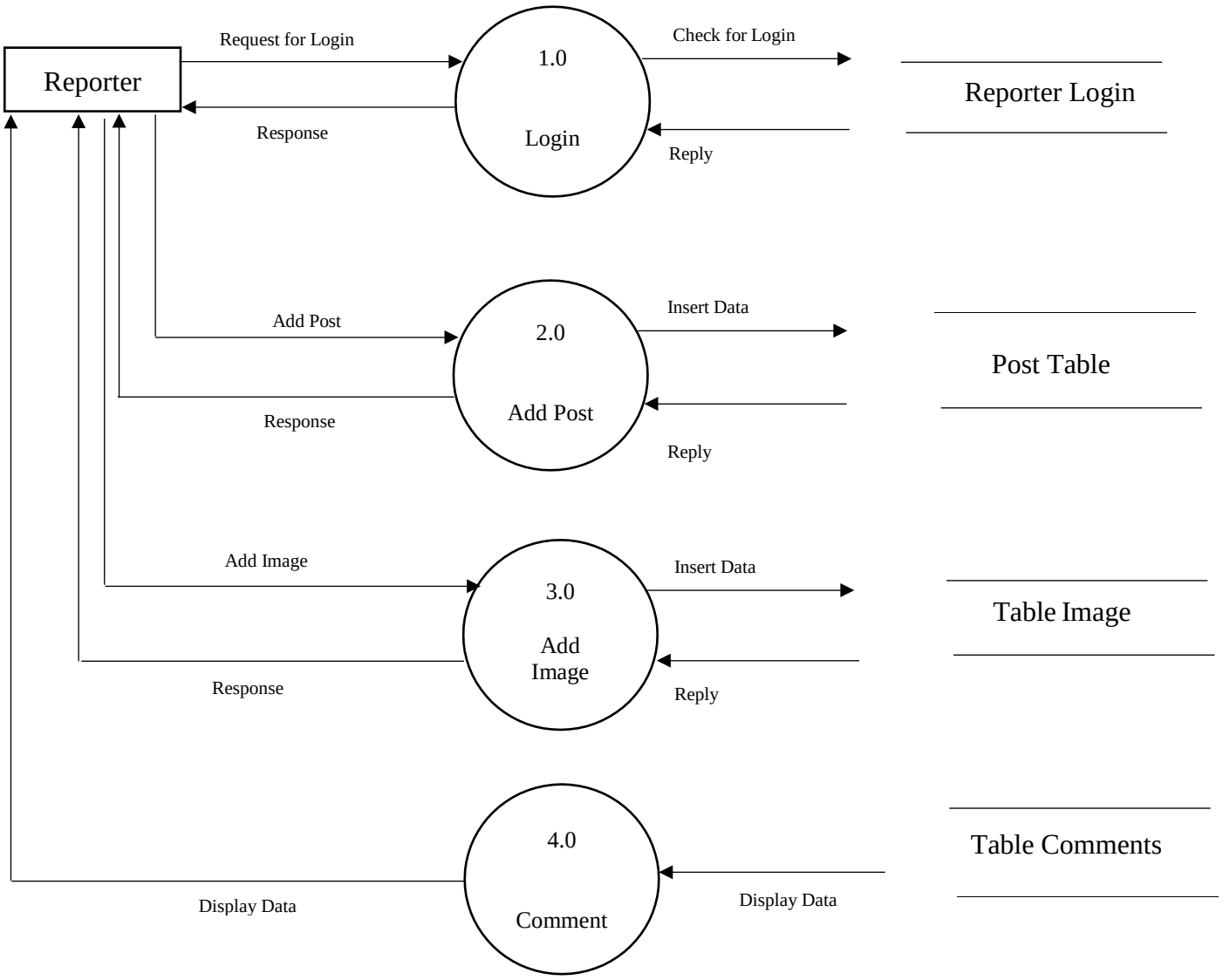

Figure 4.2.3: Reporter DFD Level - 1

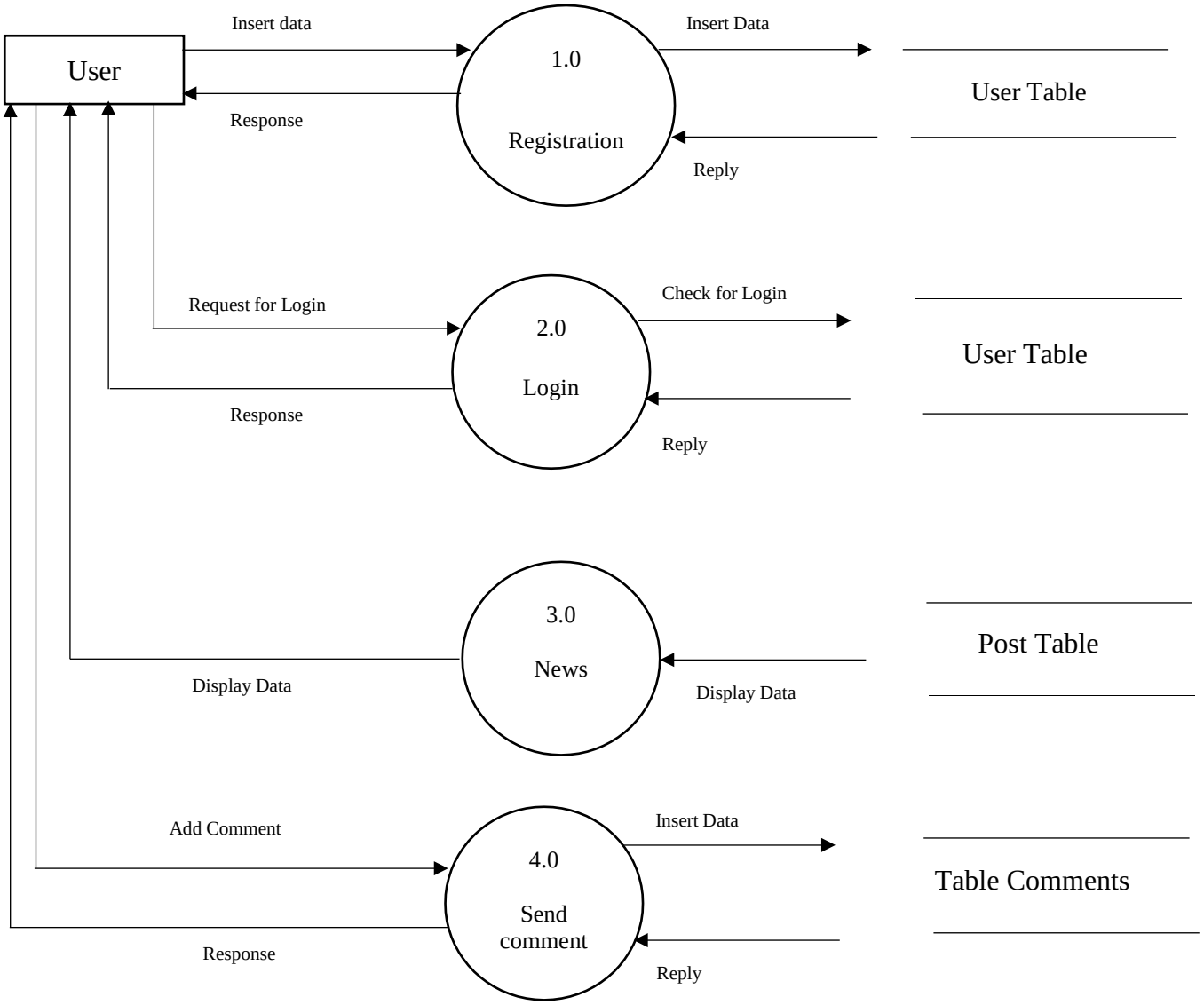

Figure 4.2.4: User DFD Level - 1

4.3 DESIGN:

To design this software or system I have used the following:

- HTML
- CSS
- Bootstrap
- JavaScript

HTML: HTML is the standard markup for creating web pages.HTML stands for hypertext markup language. HTML describes the structure of web page using markup. HTML elements are the building blocks of HTML page. HTML elements are represented by tags. HTML tags label pieces of content such as heading", "paragraph", "table", and so on. Browser do not display to HTML tags, but use them to render the content of the page.

CSS: It is use give styles to the HTML page. CSS stand for cascading style sheets. CSS describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work; it can control the layout of multiple web pages all at once. External style sheets are stored in CSS files CSS is designed to enable the separation of presentation and content, including layouts, colors, and fonts. This separation can improve content accessibility provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate .CSS file, which reduces complexity and repetition in the structural content; and enable the .CSS file to be cached to improve the page load speed between the pages that share the file and its formatting.

BOOTSTRAP: Bootstrap is a free and open-source tool collection for creating responsive websites and web applications. It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites. It solves many problems which we had once, one of which is the cross-browser compatibility issue.

- Faster and Easier Web Development.
- It creates Platform-independent web pages.
- It creates Responsive Web-pages.
- It is designed to be responsive to mobile devices too.

JAVASCRPT: JavaScript was initially created to “make web pages alive”. The programs in this language are called scripts. They can be written right in a web page’s HTML and run automatically as the page loads. Scripts are provided and executed as plain text. They don’t need special preparation or compilation to run.

4.4 Data Dictionary

Table No 4.4.1: tbladmin

Field Name	Description
Id	It's is used as primary key in the table.
AdminUserName	Contains User name of admin.
AdminPassword	Contains Password of admin.
AdminEmailId	Contains emailid of admin.
CreationDate	Contains date at which admin creates account.
UpdationDate	Conatains date at which admin edit details.

Table No 4.4.2: tblcategory

Field Name	Description
Id	It's is used as primary key in the table.
CategoryName	Contains name of category of news.
Description	Contains the details of category.
PostingDate	Contains date at which category details posted.
UpdationDate	Contains date in which category details updated.

Table No 4.4.3: tblreporter

Field Name	Description
id	It's is used as primary key in the table.
first_name	Contains first name of the reporter.
last_name	Contains the last name of the reporter.
gender	Gender of reporter.
phone_no	Contains phone number of the reporter.
email_add	Contains email id of the reporter.
rep_pass	Contains encrypted text of reporter password.
reg_date	Contains the date at which repoter registered into system.

Table No 4.4.4: tblsubcategory

Field Name	Description
SubCategoryId	It's is used as primary key in the table.
CategoryId	It's is used as foriegn key in the table.
Subcategory	Contains title of subcategory.
SubCatDescription	Contains detail of subcategory.
PostingDate	Contains date at which category posted.
UpdationDate	Contains date in which details of subcategory updated.

Table No 4.4.5: tbluser

Field Name	**Description**
Id	It’s is used as primary key in the table.
first_name	Contains first name of user.
last_name	Contains last name of user.
Gender	Gender of user.
phone_no	Contains phone number of user.
email_add	Contains email id of user.
user_pass	Contains encrypted text of user password.

Table No 4.4.5: tblposts

Field Name	**Description**
Id	It’s is used as primary key in the table.
PostTitle	Contains title of the news post.
CategoryId	It’s is used as foriegn key in the table.
SubCategoryId	It’s is used as foriegn key in the table.
PostDetails	Contains the details of the post.
PostingDate	Conatins the date in which news posted.
UpdationDate	Contains the date in which details of post edited.
PostImage	Image related to post.
lastUpdatedBy	Dtae in which post details upadated.

Table No 4.4.5: tbladdimage

Field Name	**Description**
Id	It’s is used as primary key in the table.
post_id	It’s is used as foriegn key in the table.
post_images	Images related to post.

CHAPTER 5

SNAPSHOT

The snapshot shown in Figure 5.1 is Admin dashboard where admin can add reporter, category, sub-category, posts.

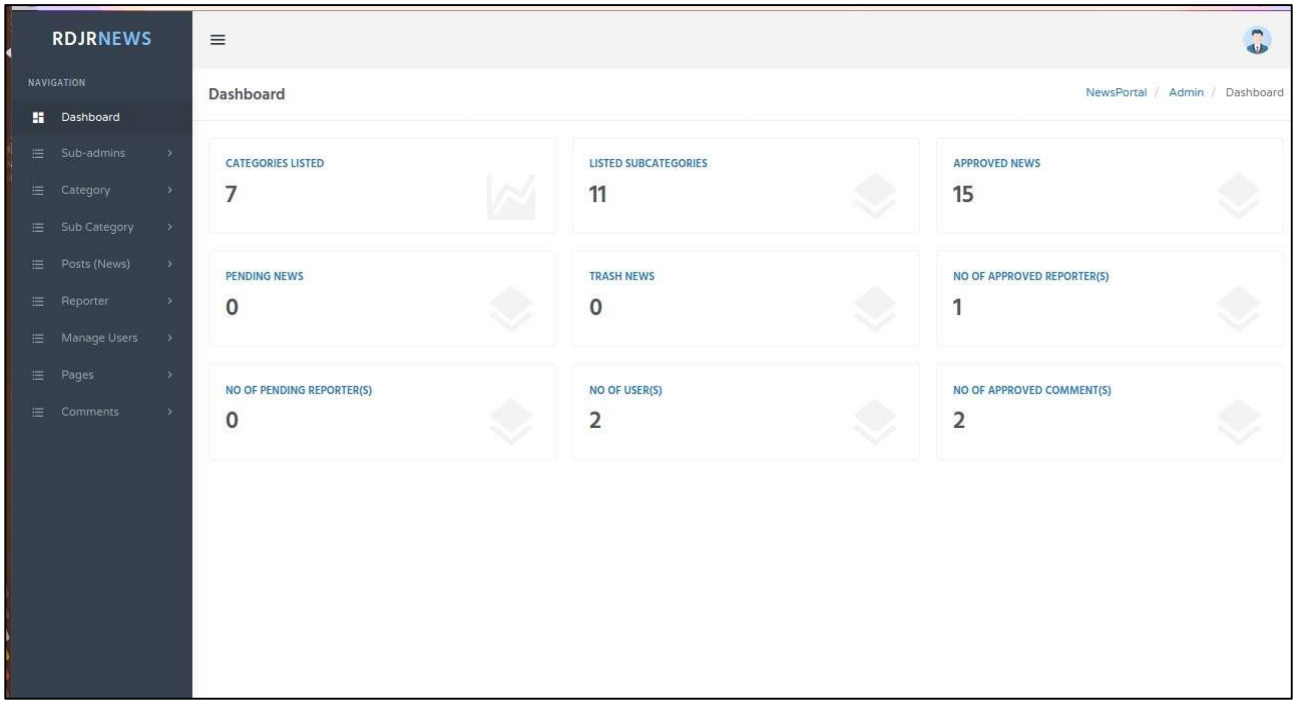

Figure 5.1: Admin Dashboard

The snapshot shown in Figure 5.2 is the add sub-admin page, here admin can add sub-admin.

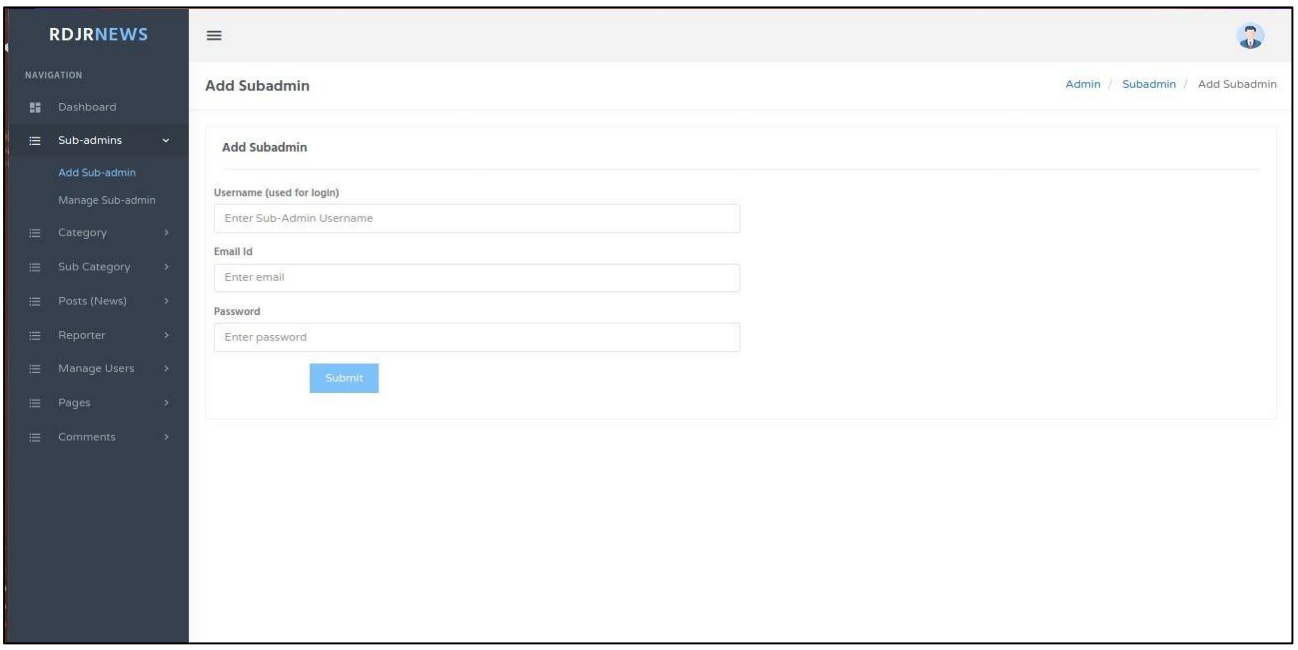

Figure 5.2: Add sub-admin page

The snapshot shown in Figure 5.3 is the add category page. Here admin can add the category of news and description about the category.

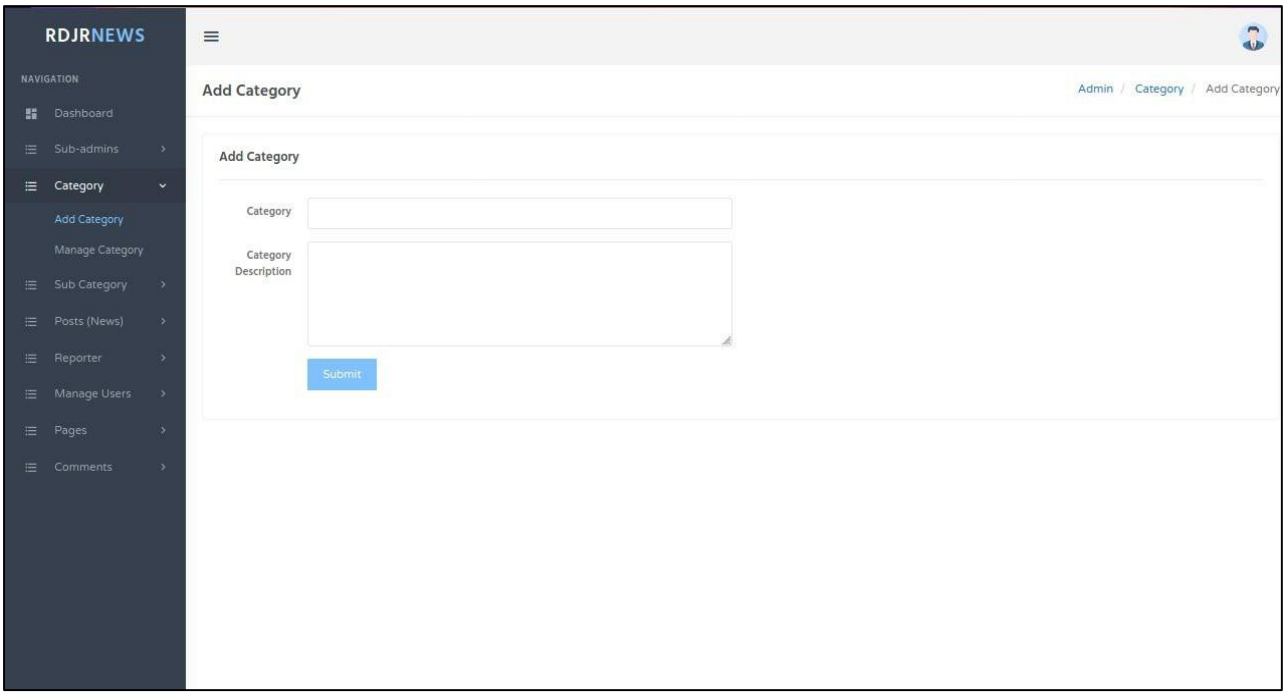

Figure 5.3: Add category page

The snapshot shown in Figure 5.4 is the manage sub-admins page where admin can delete and edit the sub-admins information.

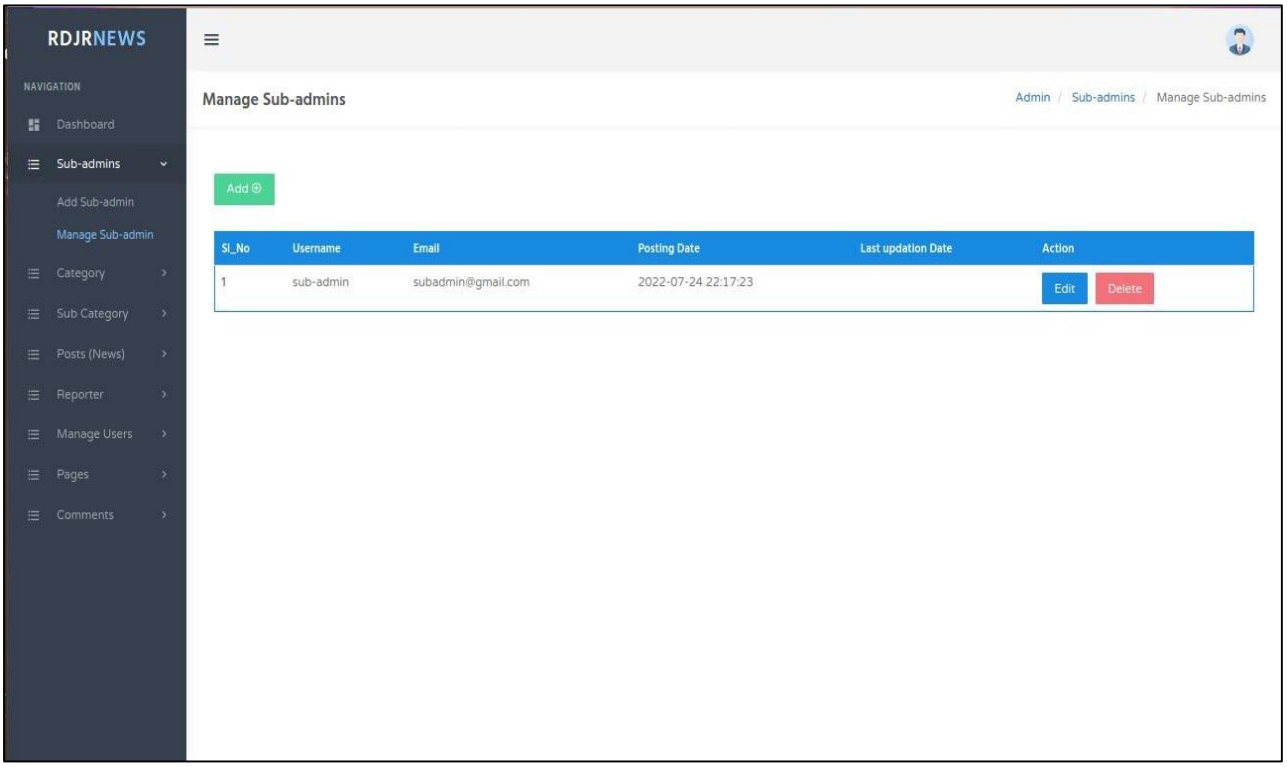

Figure 5.4: Manage sub-admins page

The snapshot shown in Figure 5.5 is add sub-category page where admin can add the sub-category of news and description of sub-category.

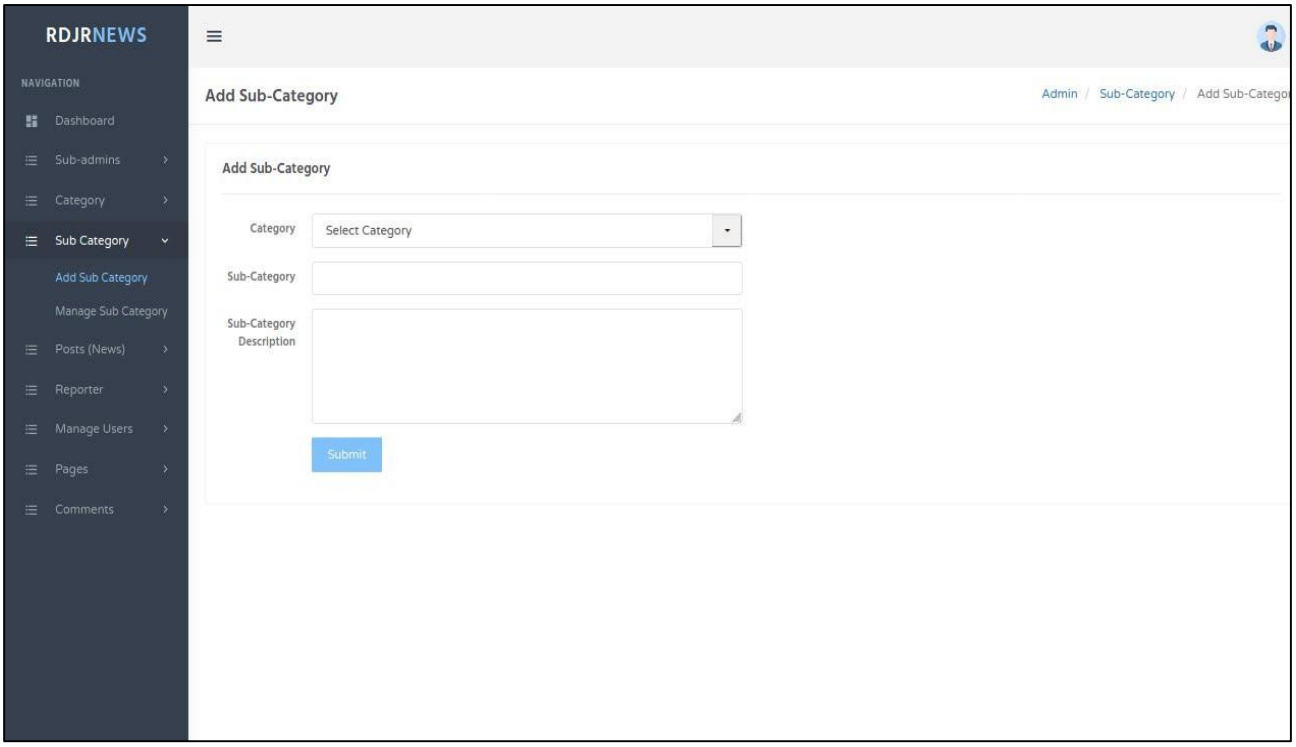

Figure 5.5: Add Sub-category page

The snapshot shown in Figure 5.6 is add post page where admin can add post like post title, category, sub-category, post location and details.

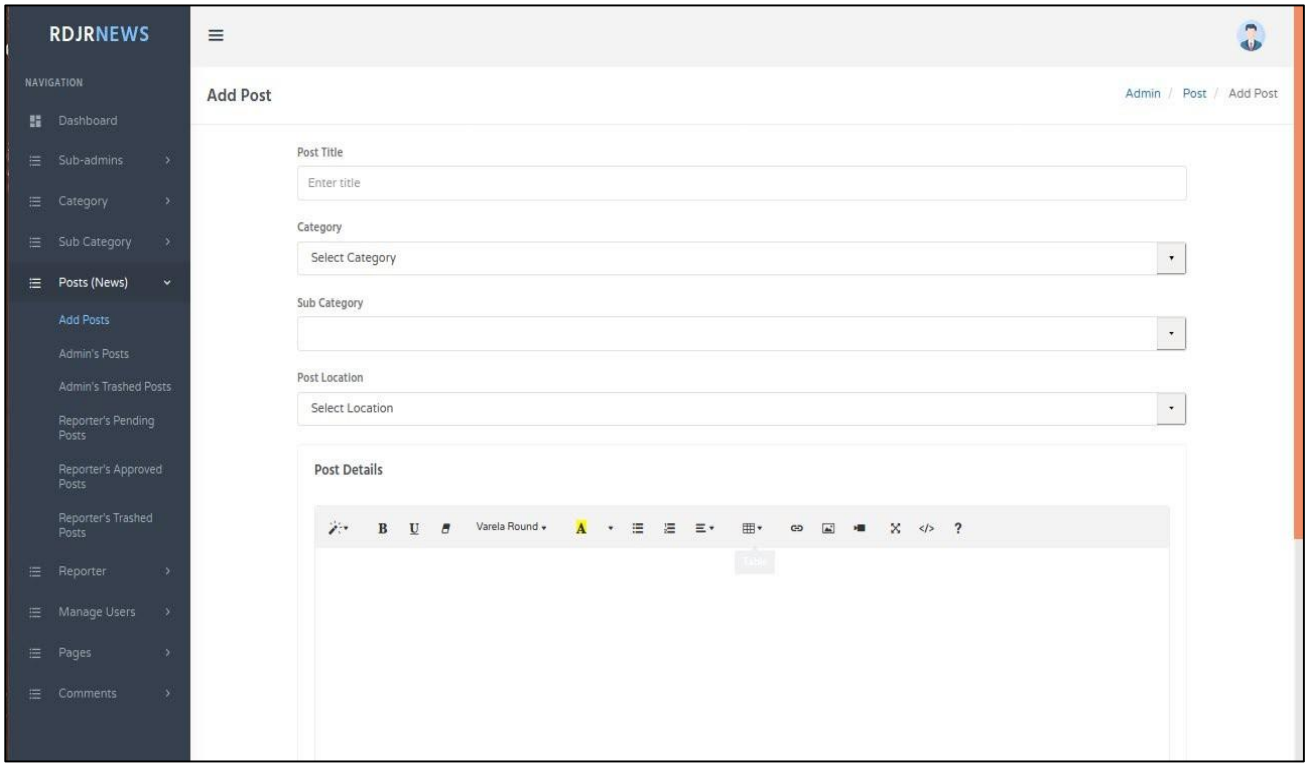

Figure 5.6: Add post page

The snapshot shown in the Figure 5.7 is manage category page where admin can edit the details of news category and delete the category.

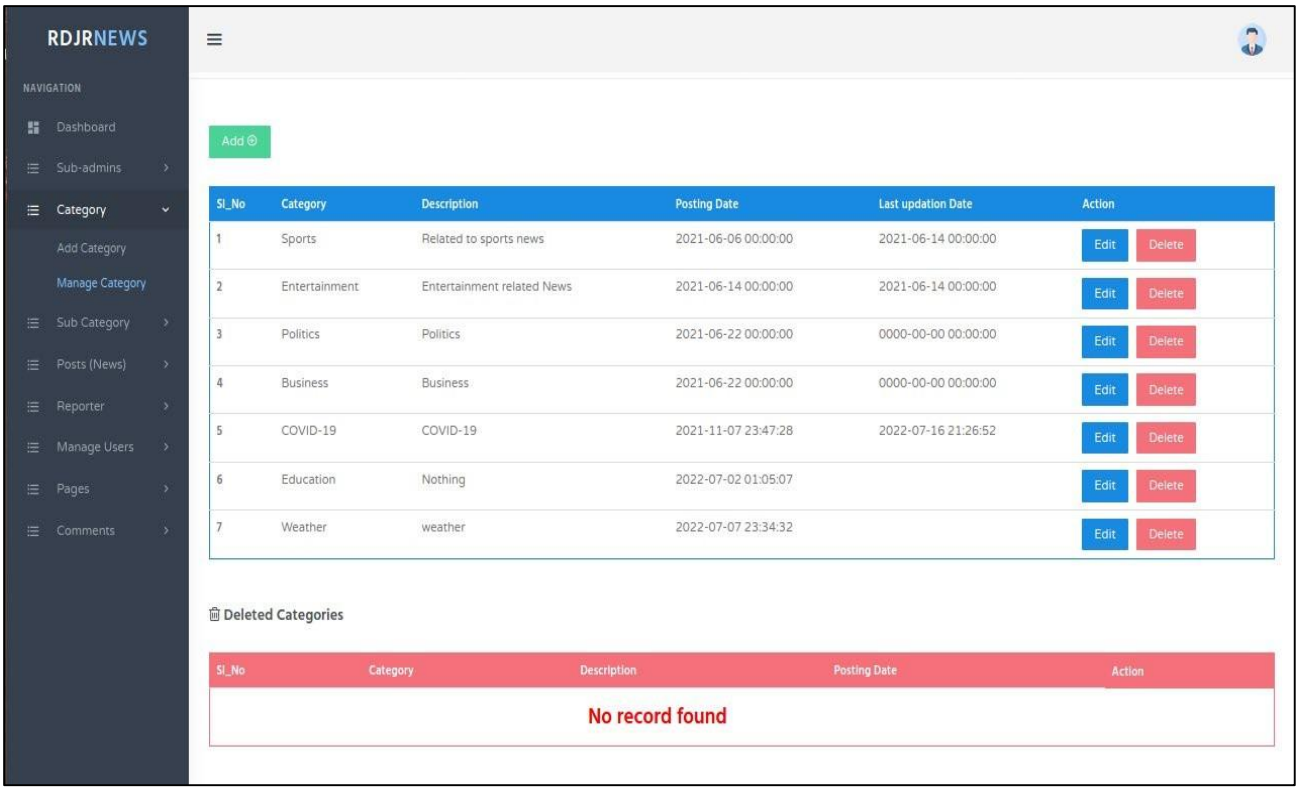

Figure 5.7: Manage category page

The snapshot shown in Figure 5.8 is post page where admin can edit the details of post and delete the post.

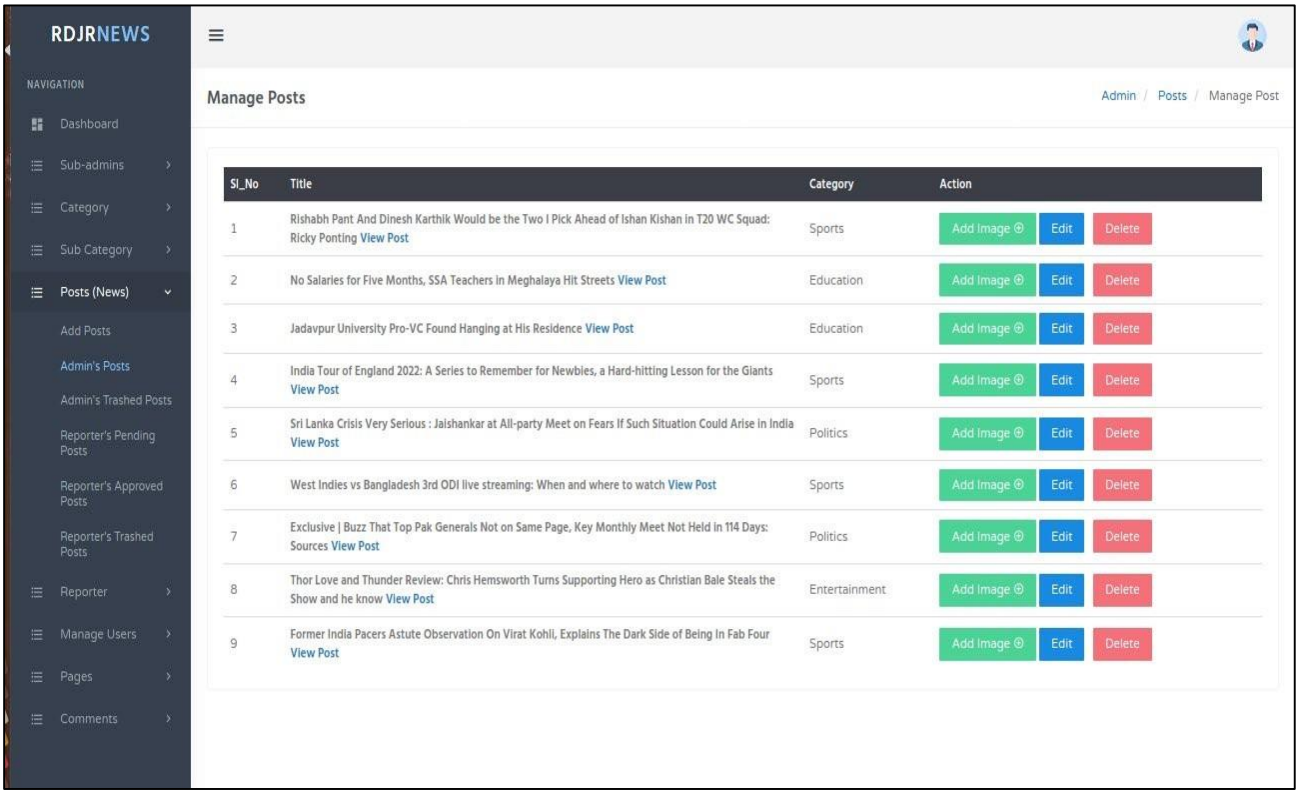

Figure 5.8: Admin post page

The snapshot shown in Figure 5.9 is the manage user page. Admin can delete the user.

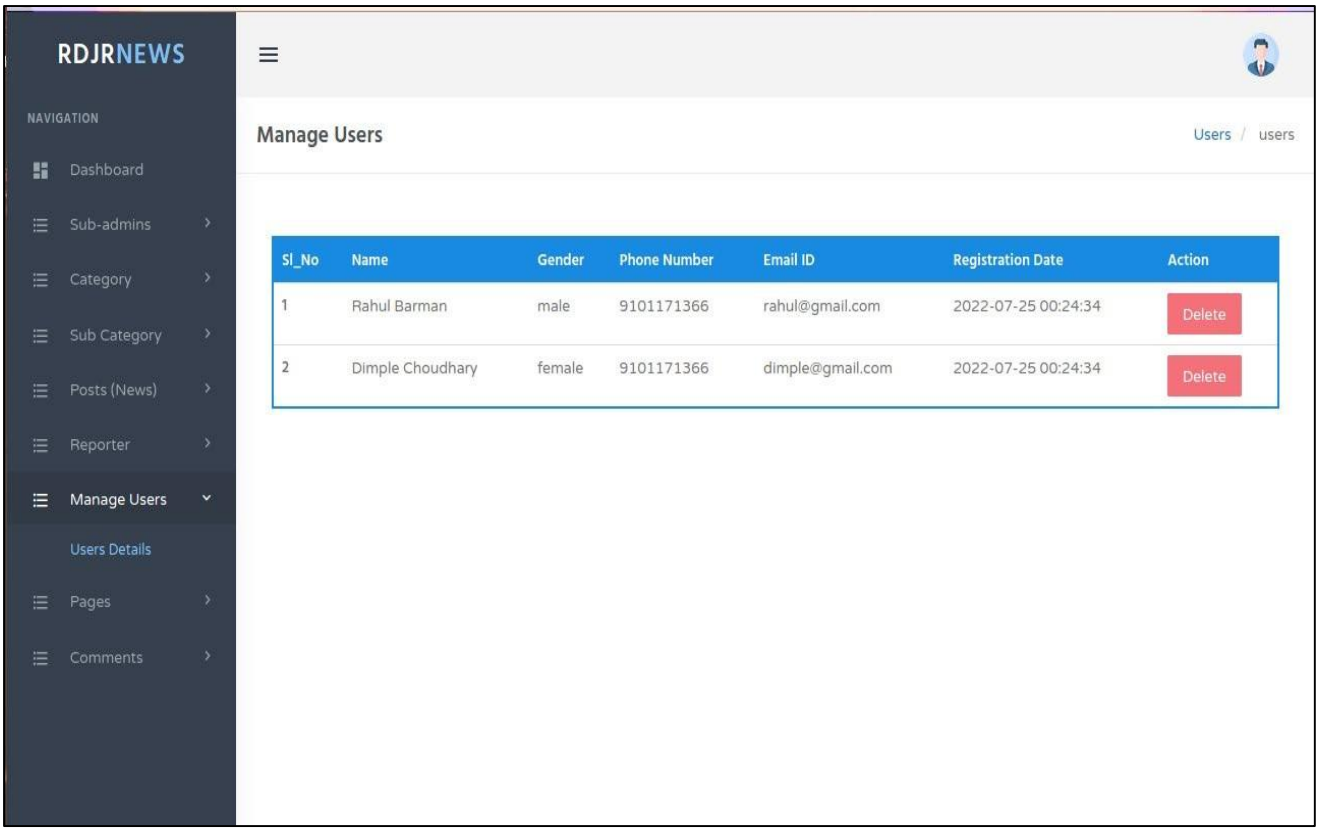

Figure 5.9: Manage users

The snapshot shown in Figure 5.10 is manage approved comments page. Here admin can disapprove or delete the comments.

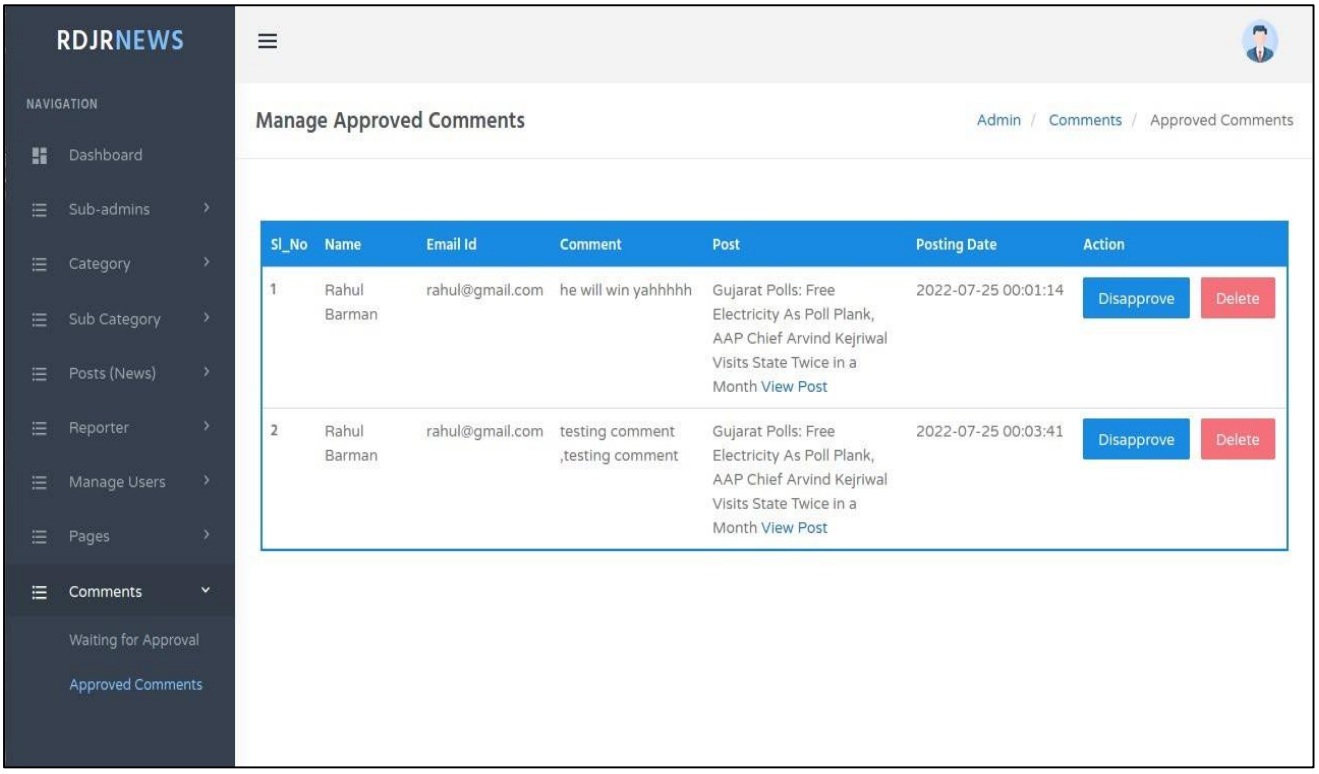

Figure 5.10: Manage approved comment page

The snapshot shown in Fig 5.11 is waiting for approval page. Here admin can approve or delete the user comments.

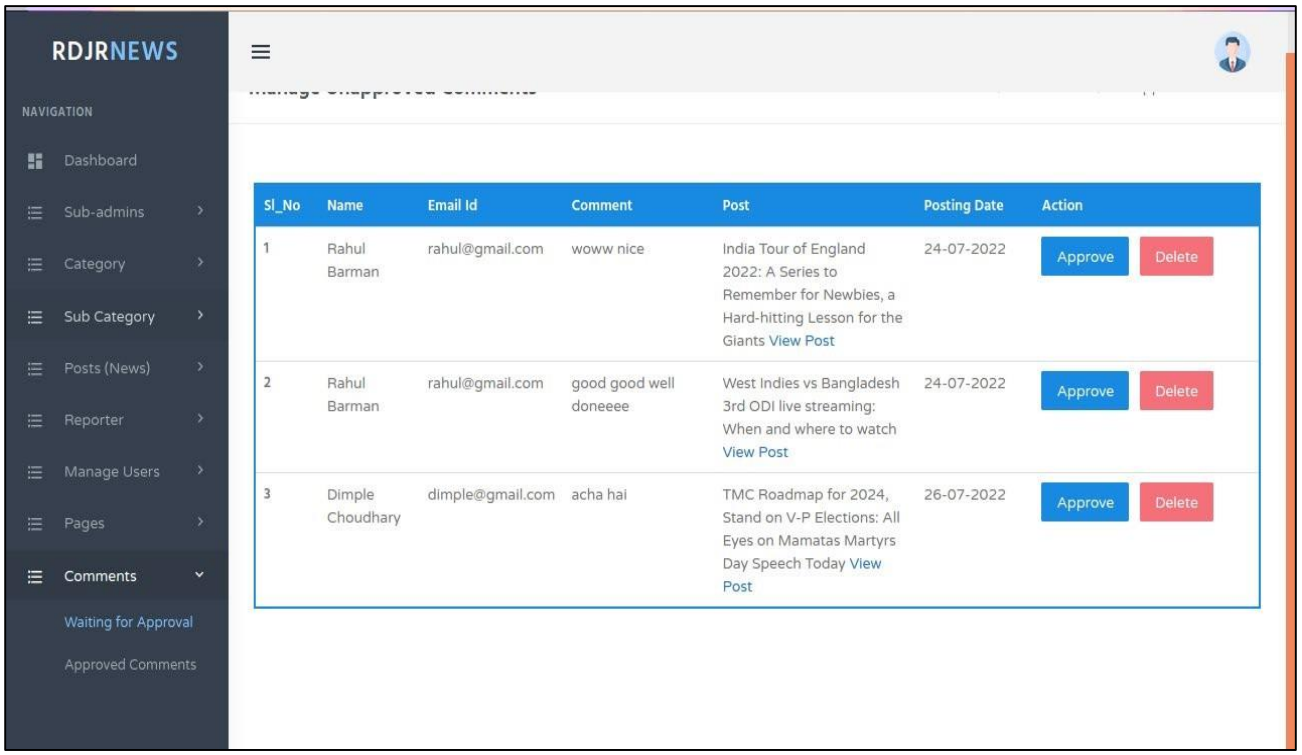

Figure 5.11: Waiting for approval page

The snapshot shown in the figure 5.12 is about us page of admin.

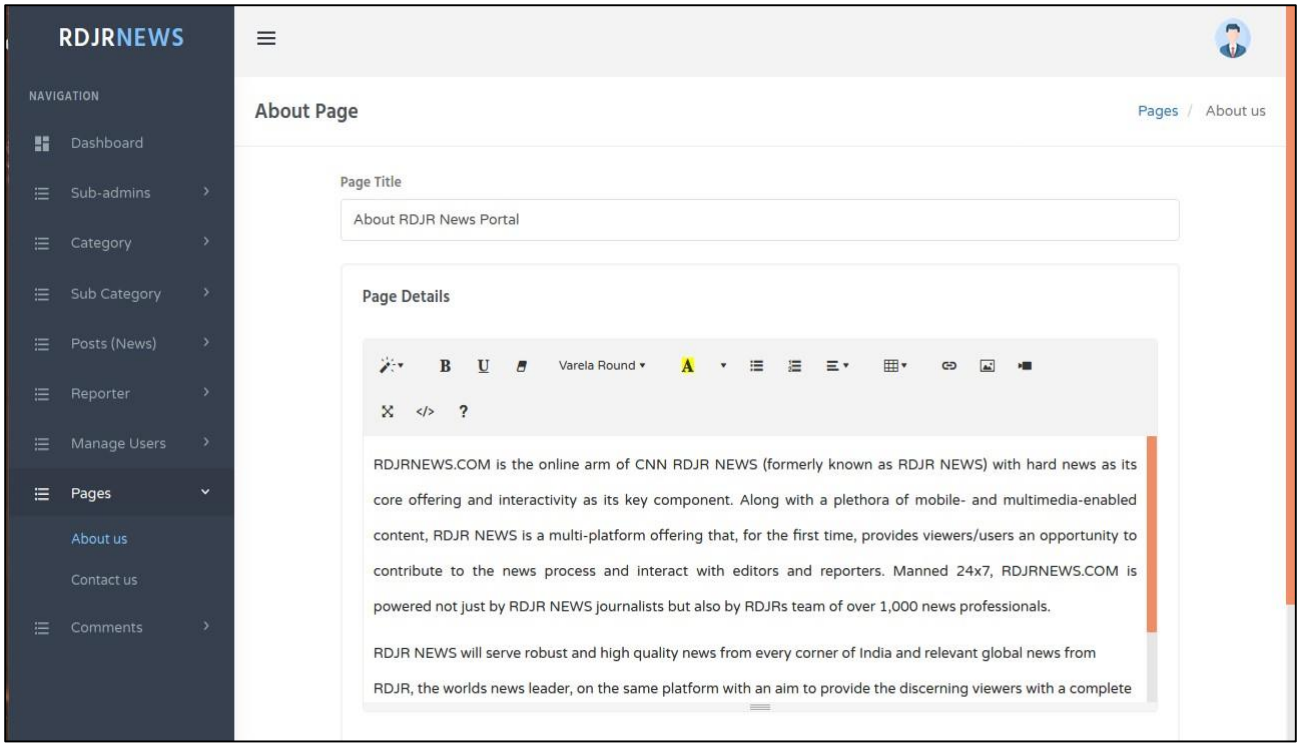

Figure 5.12: Admin about us page

The snapshot shown in the figure 5.13 is the pending reporter page. Here admin can approve the reporter.

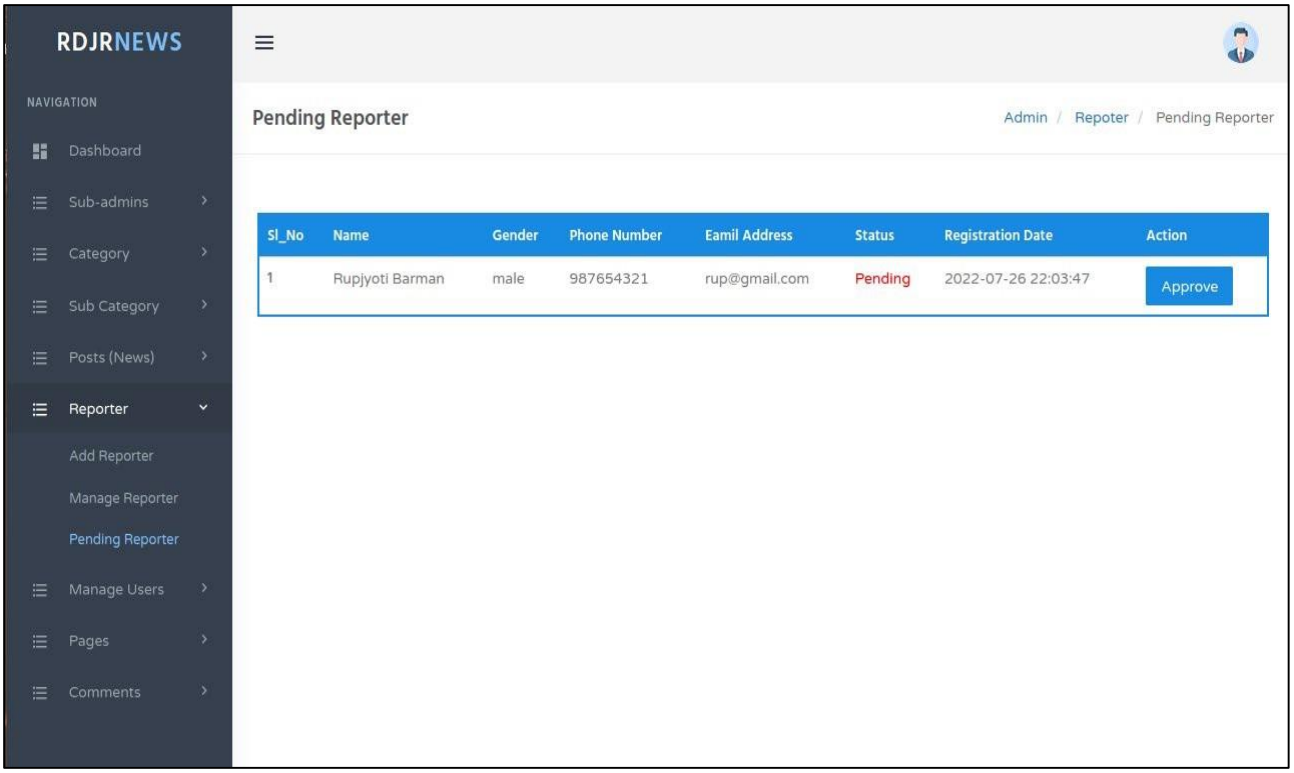

Figure 5.13: Pending Reporter page

The snapshot shown in the Figure:5.14 is manage reporter page. Admin can add, disapprove or delete the reporter.

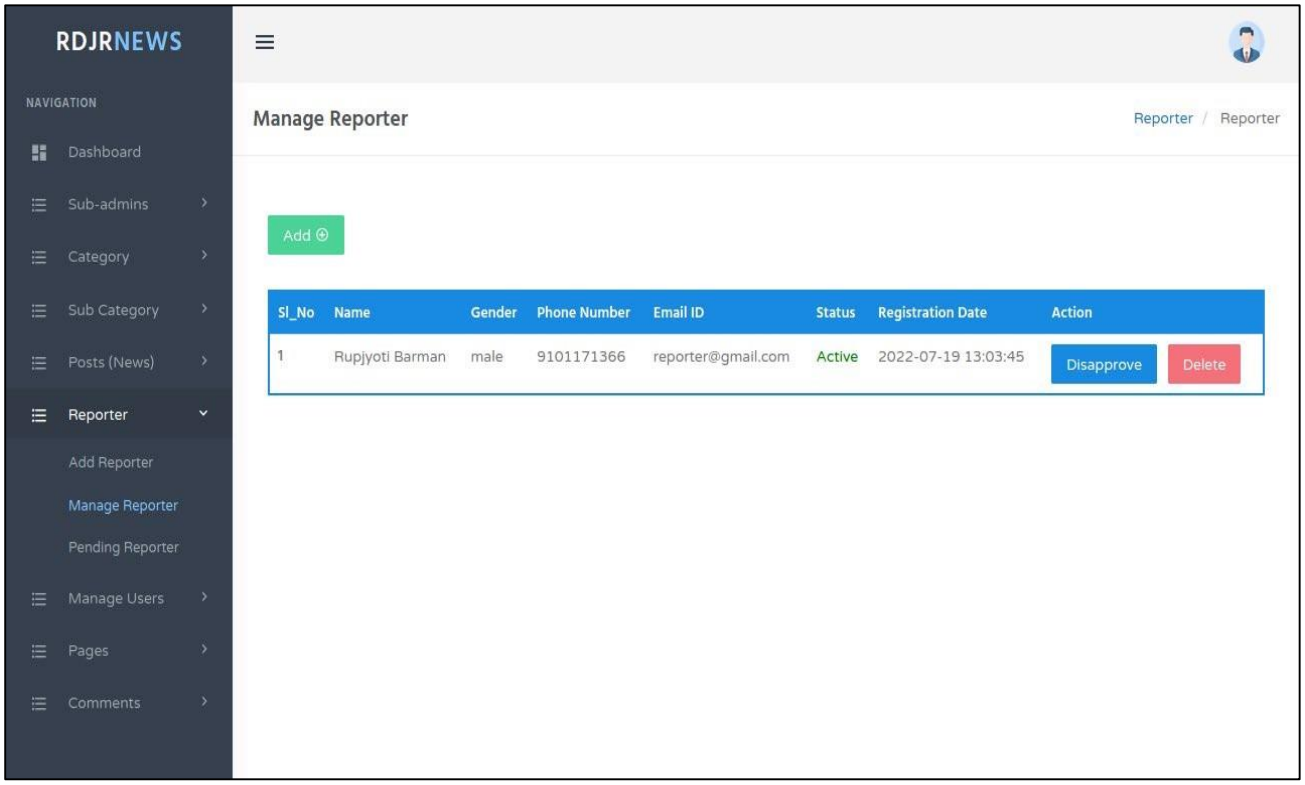

Figure 5.14: Manage Reporter page

The snapshot shown in the Figure 5.15 is approved post page of reporter. Here admin can disapprove or delete the reporter's post.

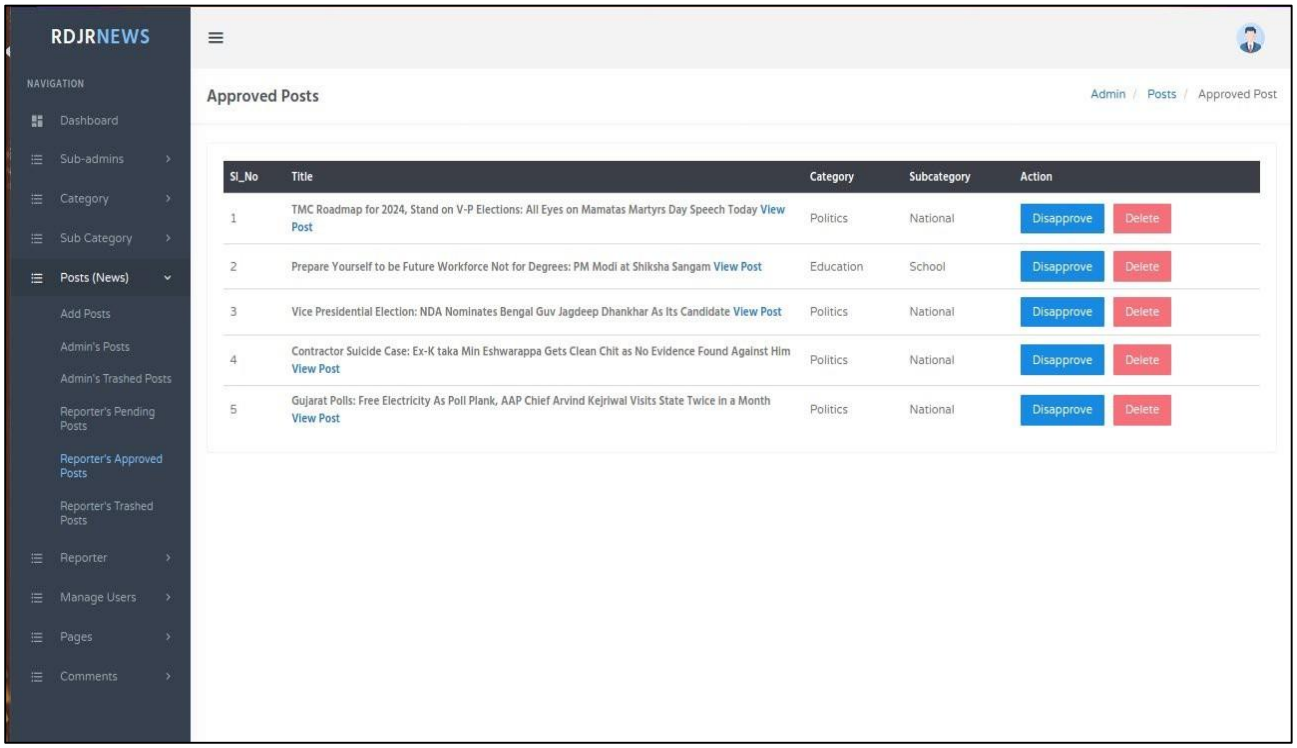

Figure 5.15: Approved post page

The snapshot shown in Figure 5.16 is admin's trashed post. All the posts which are deleted by admin show in this page.

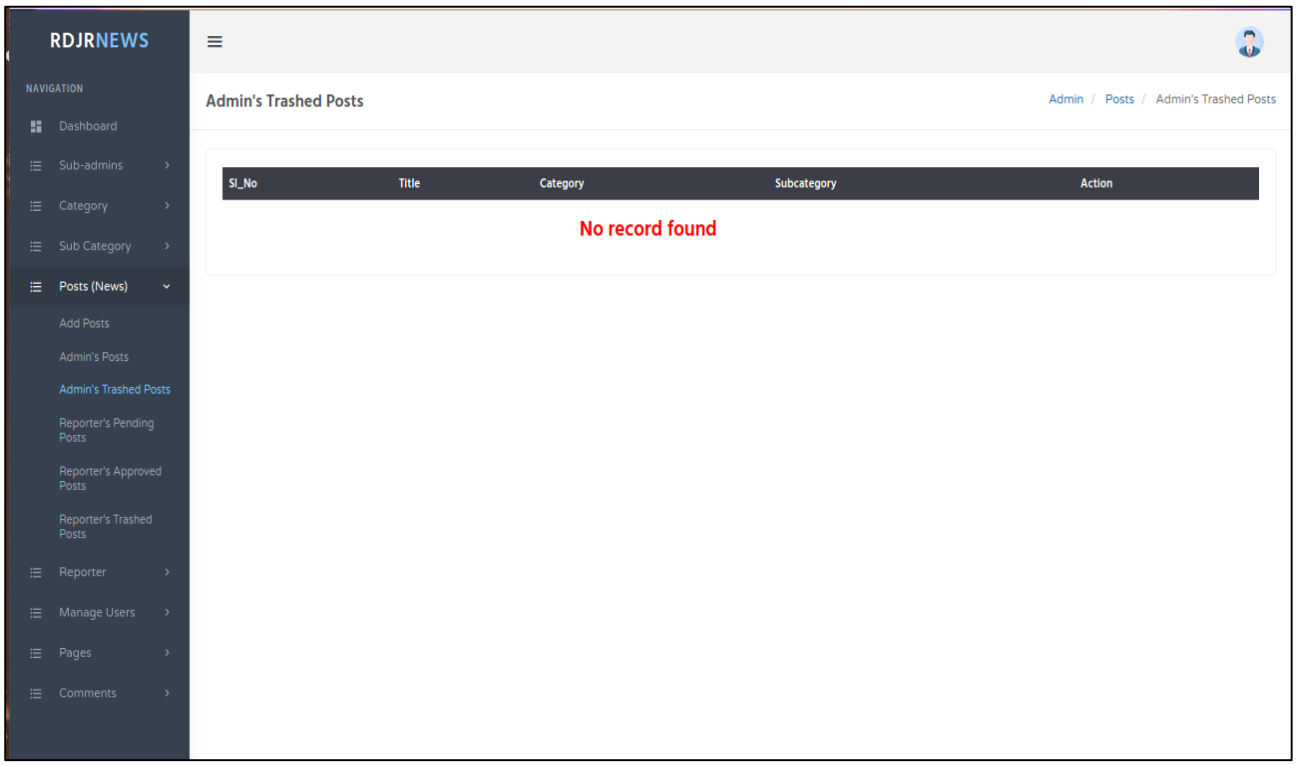

Figure 5.16: Trashed post page

The snapshot shown in the Figure 5.17 is Reporter Home page.

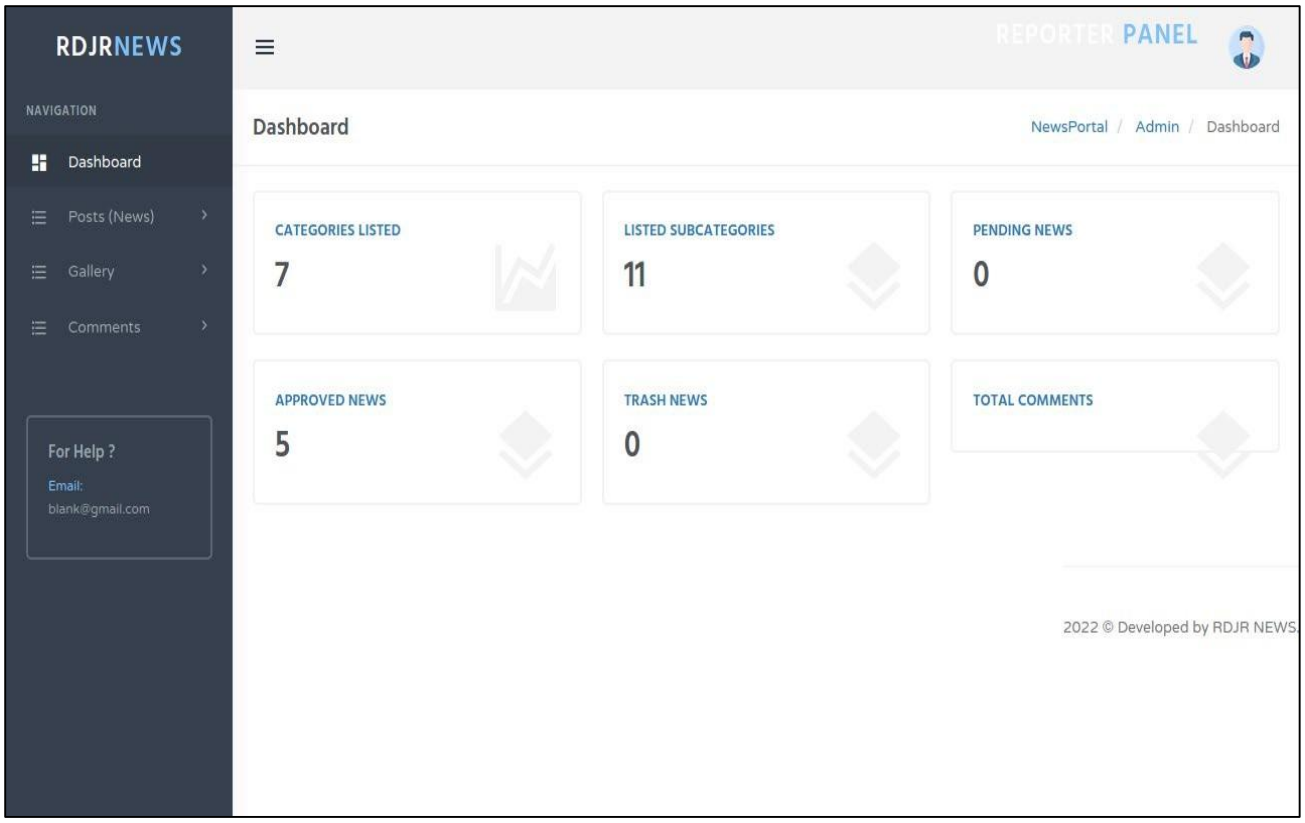

Figure 5.17: Reporter Dashboard

The snapshot shown in Figure 5.18 is pending post page of reporter where reporter can edit or delete the post.

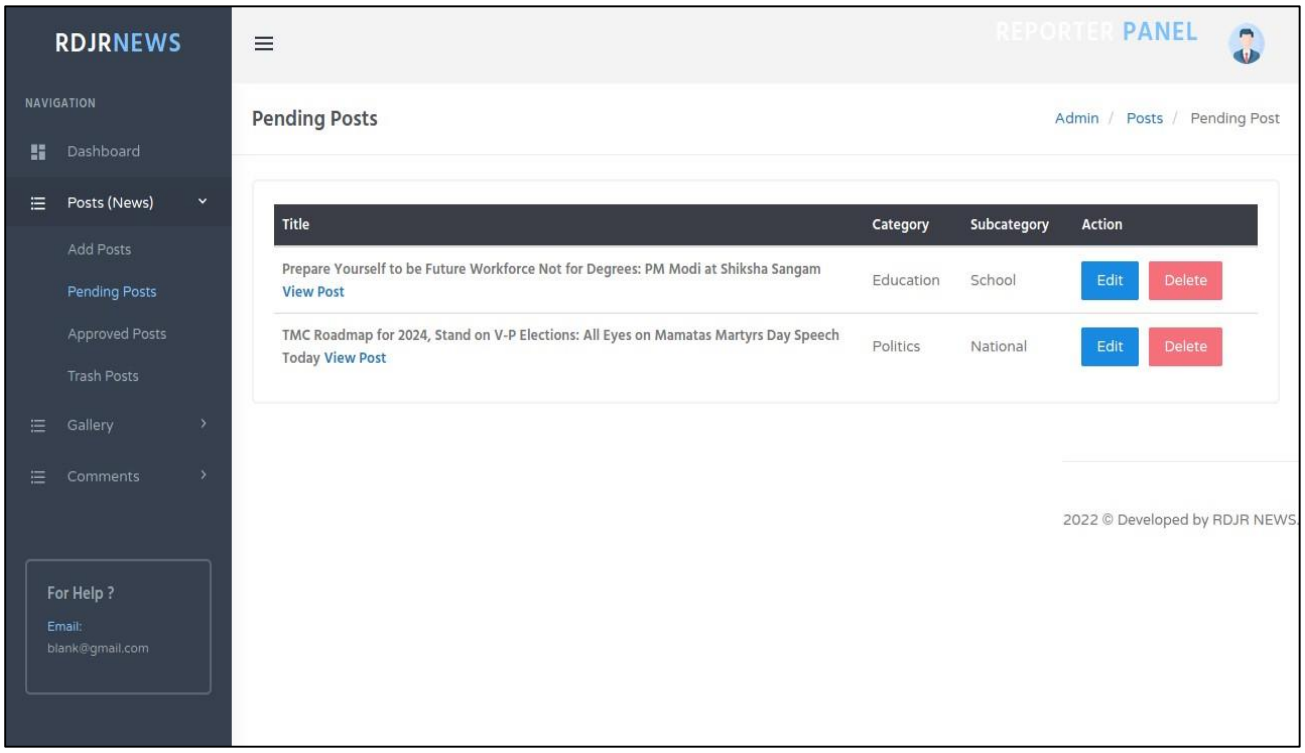

Figure 5.18: Pending post page

The snapshot shown in Figure 5.19 is approved post page of reporter which includes title, category and subcategory.

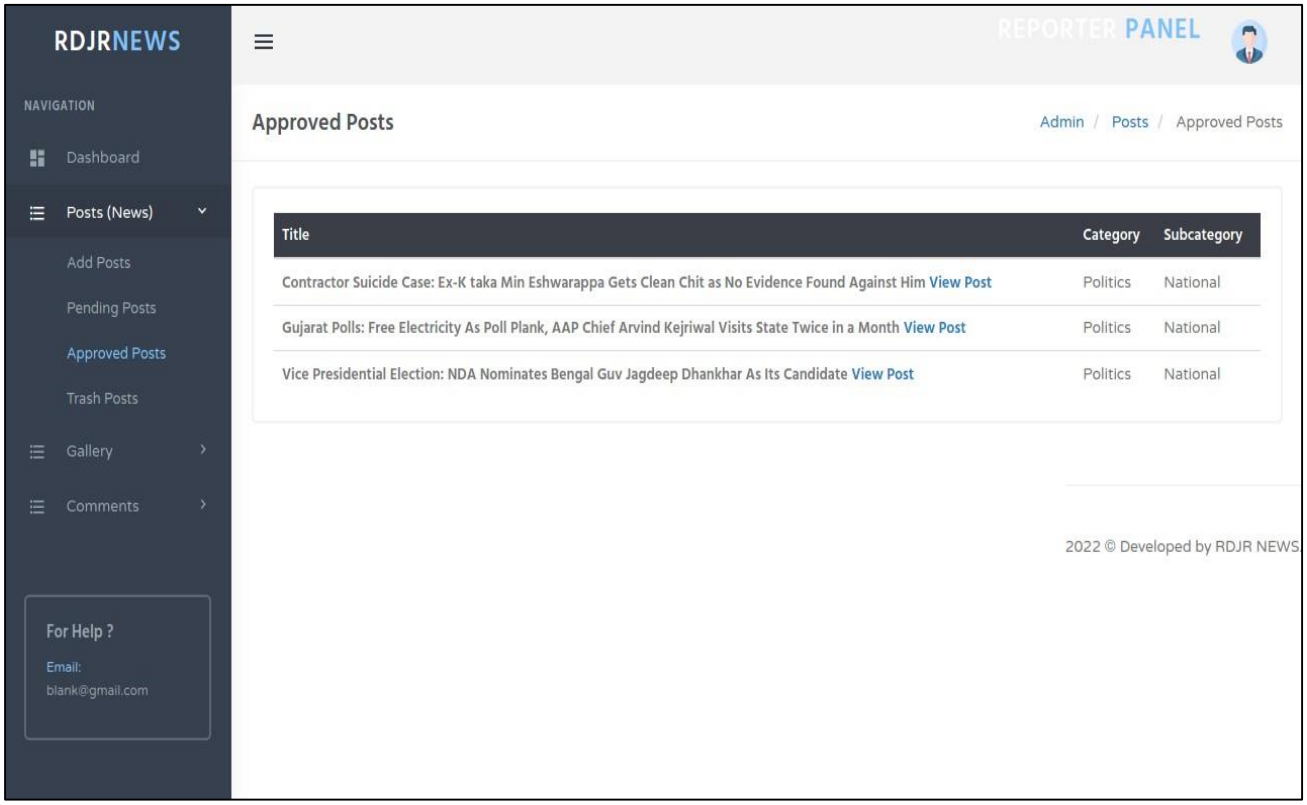

Figure 5.19: Approved post page

The snapshot shown in Figure 5.20 is the reporter's comment page where reporter can see the user's comment.

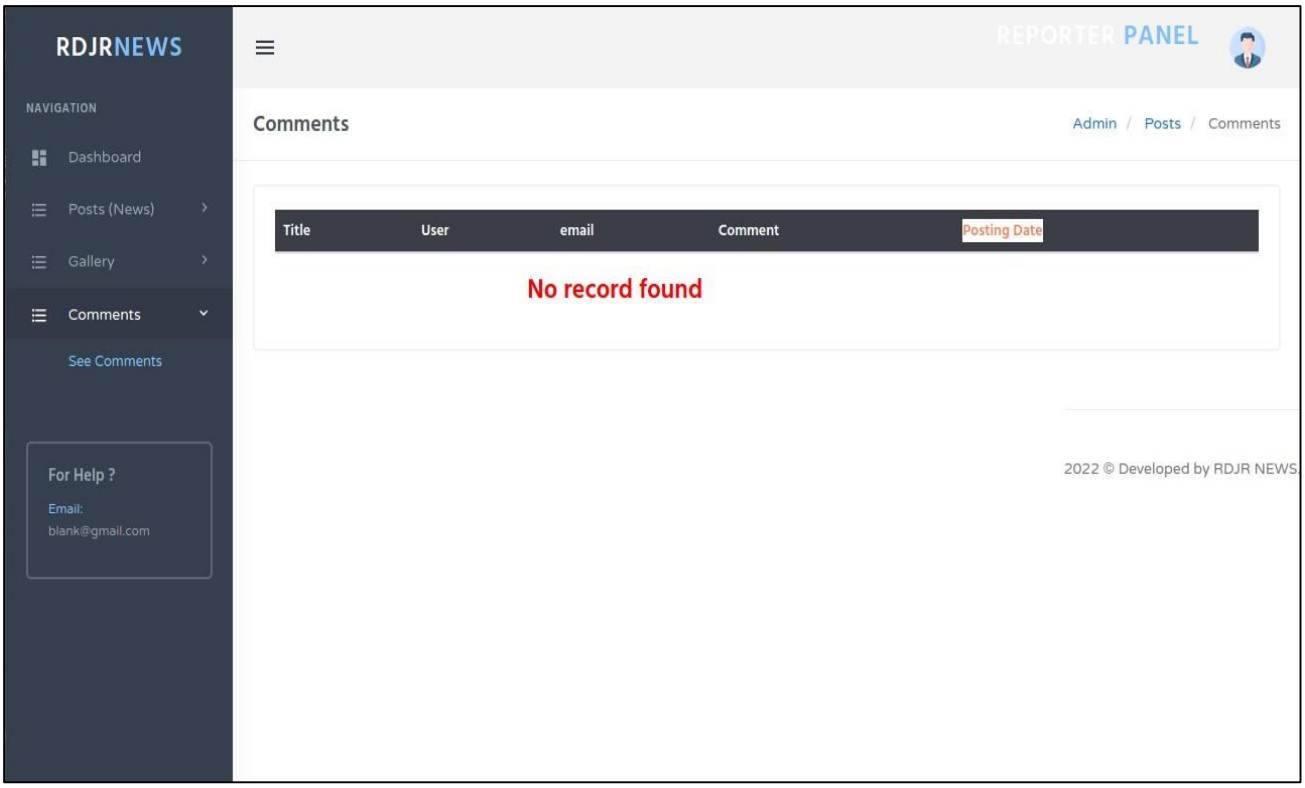

Figure 5.20: Reporter comment page

The snapshot shown in Figure 5.21 is the reporter's trashed post page where reporter can get the deleted post.

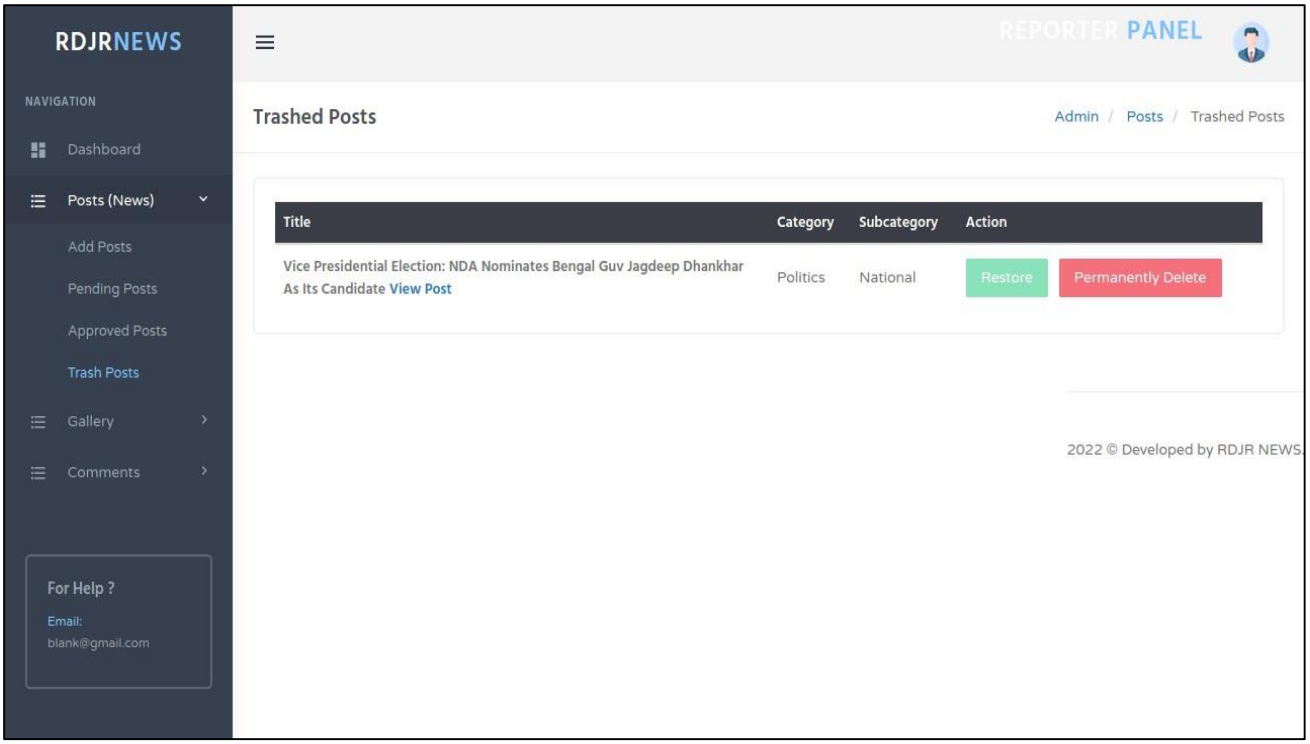

Figure 5.21: Trashed post page

The snapshot shown in Figure 5.22 is add post page of Reporter. Reporter can add post like post title, category, sub-category and post details.

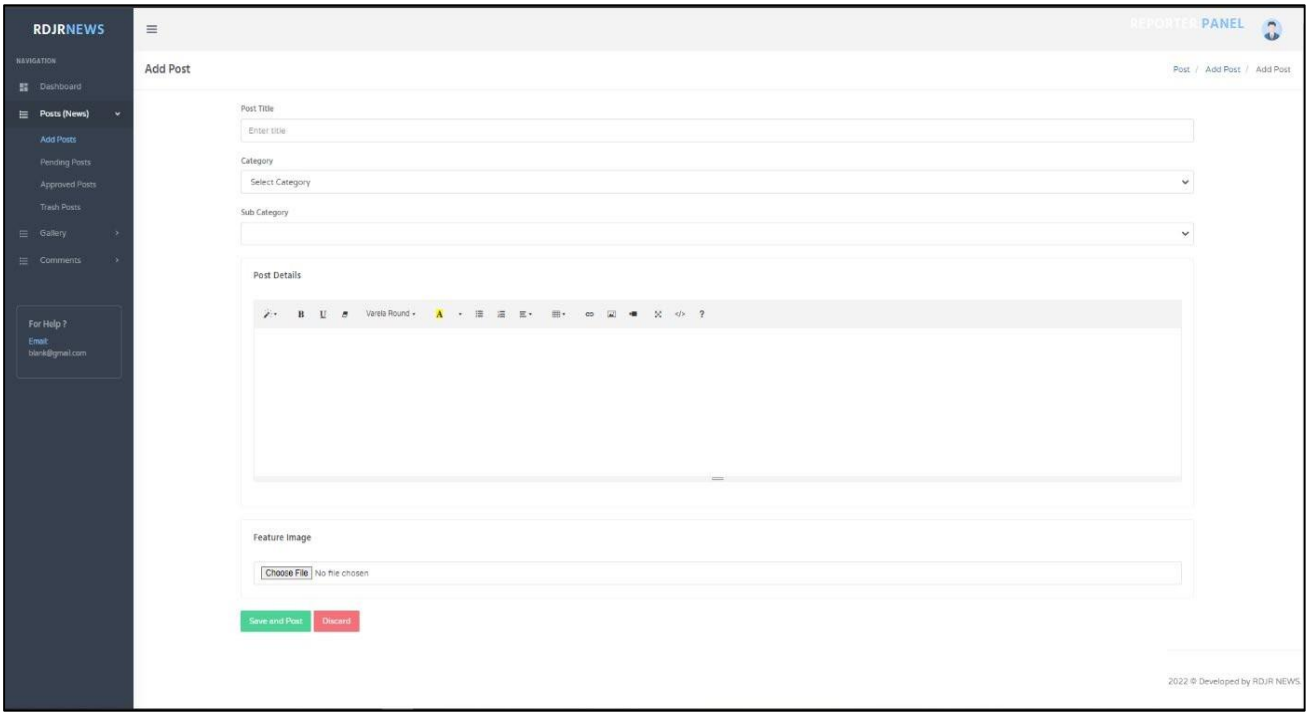

Figure 5.22: Reporter's add post page.

The snapshot shown in Figure 5.23 is the registration page of user.

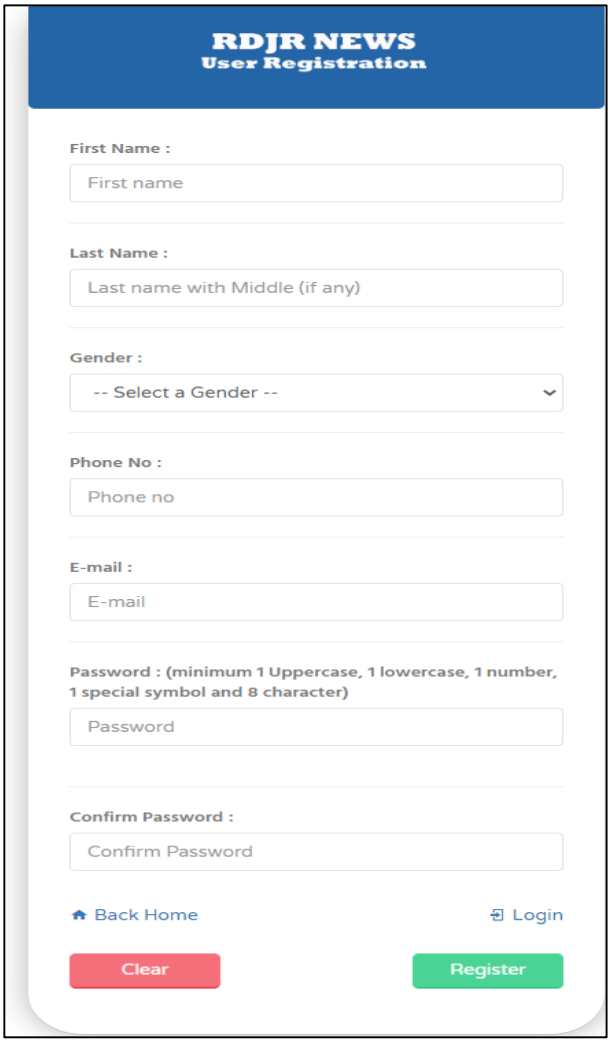

Figure 5.23: User Registration page

The snapshot shown in Figure 5.24 is user login page

Figure 5.24: User Login page

The snapshot shown in Figure 5.25 is user interface which includes breaking news, exclusive news and category wise news.

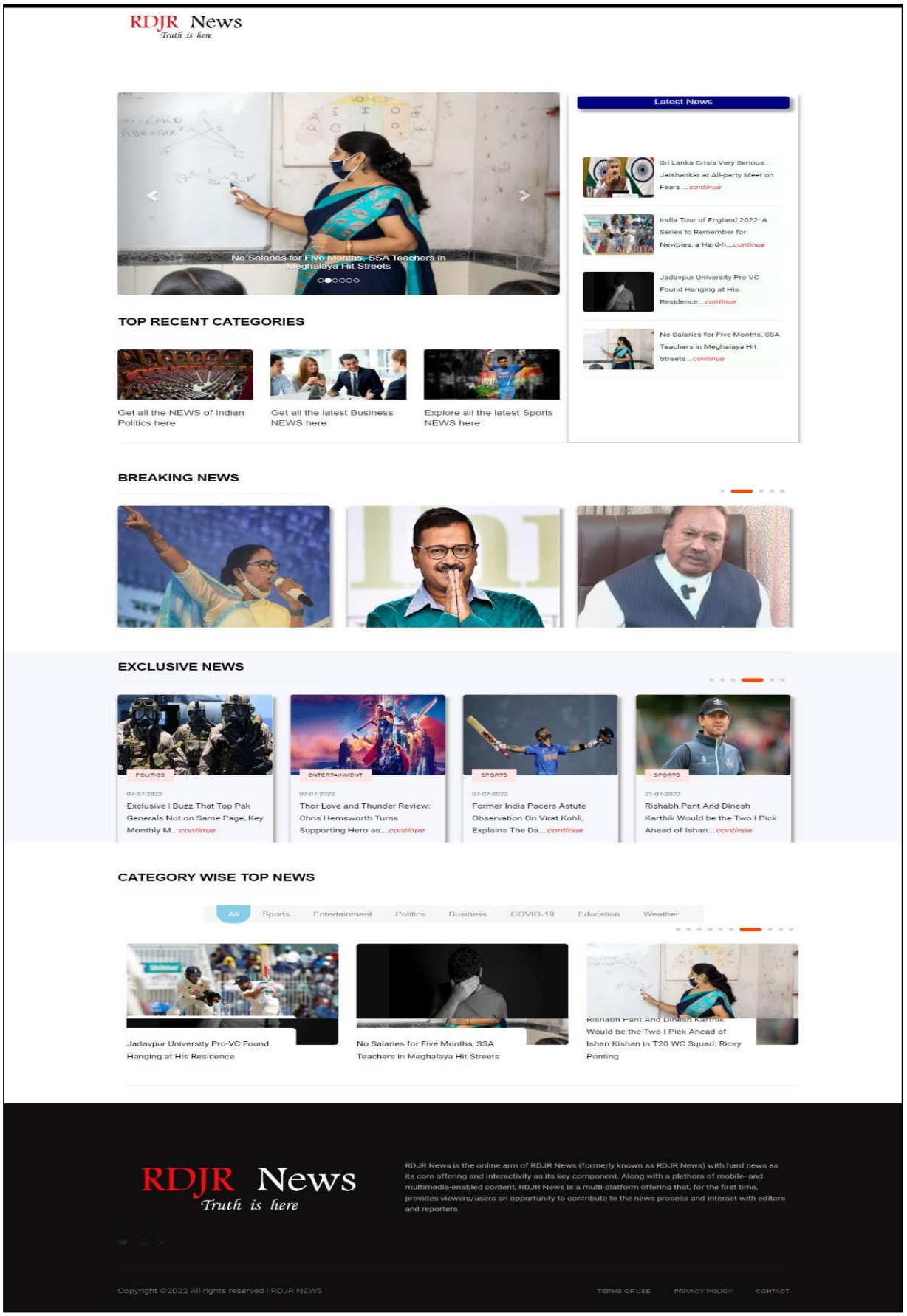

Figure 5.25: User interface

The snapshot shown in Figure 5.26 is news detail page where user can see category, recent post and can send comments.

Figure 5.26: News detail page

The snapshot shown in Figure 5.27 is category wise news page. Here user can read the news category wise.

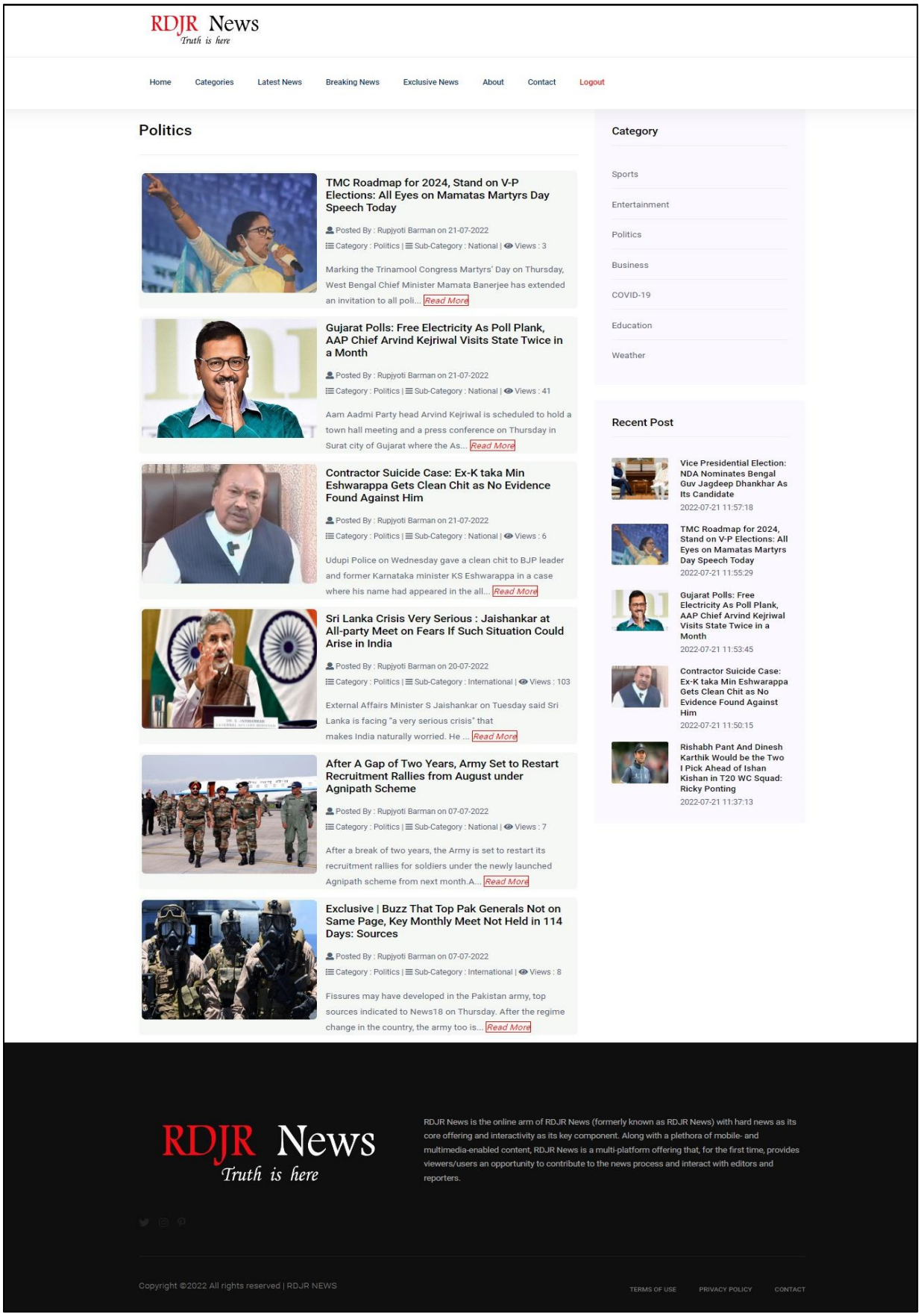

Figure 5.27: Category wise news page

The snapshot shown in Figure 5.28 is the latest news page of user. Here user can read the latest news.

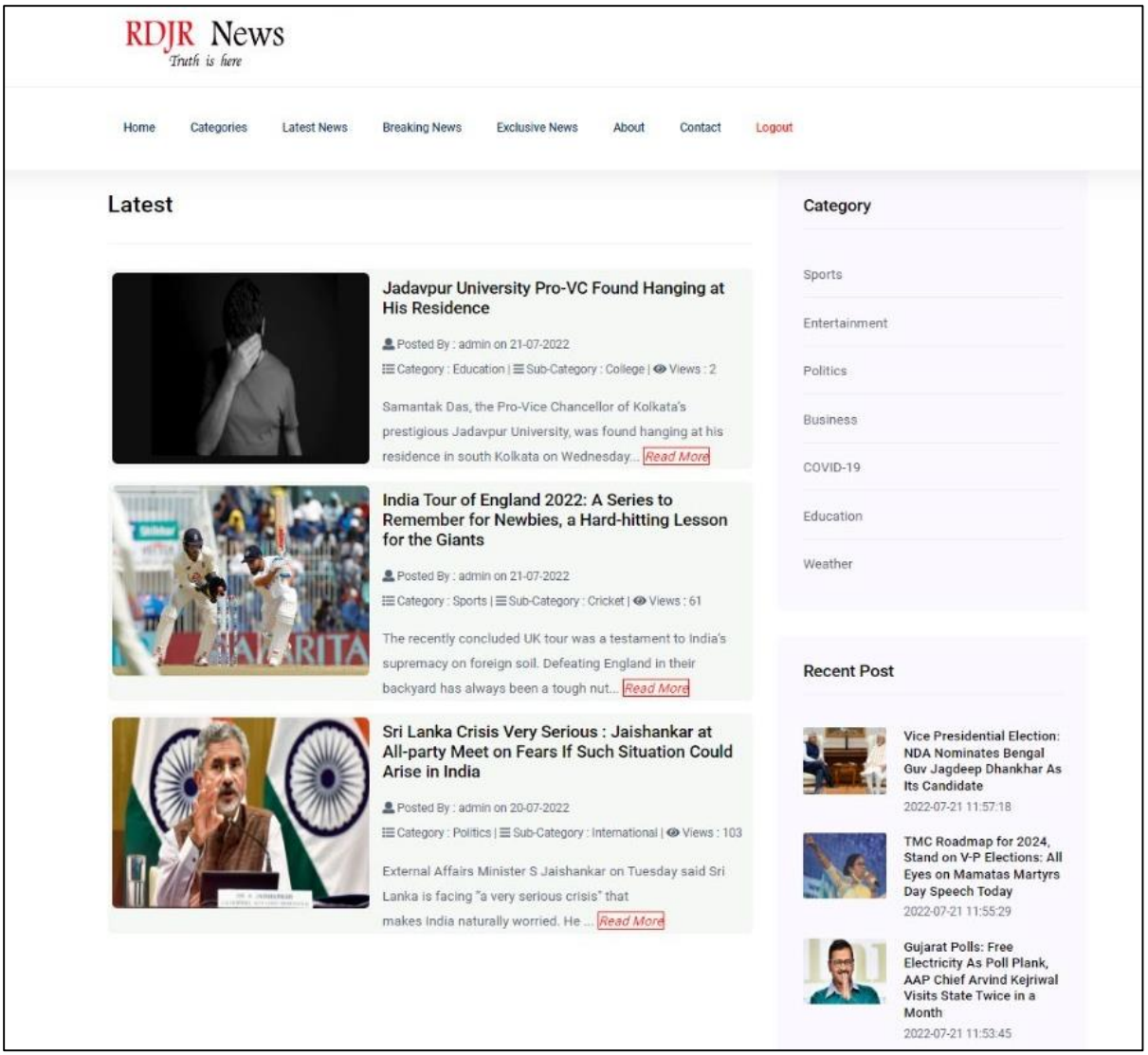

Figure 5.28: Latest news page

The snapshot shown in Figure 5.29 shows the breaking news. Here user can read the breaking news.

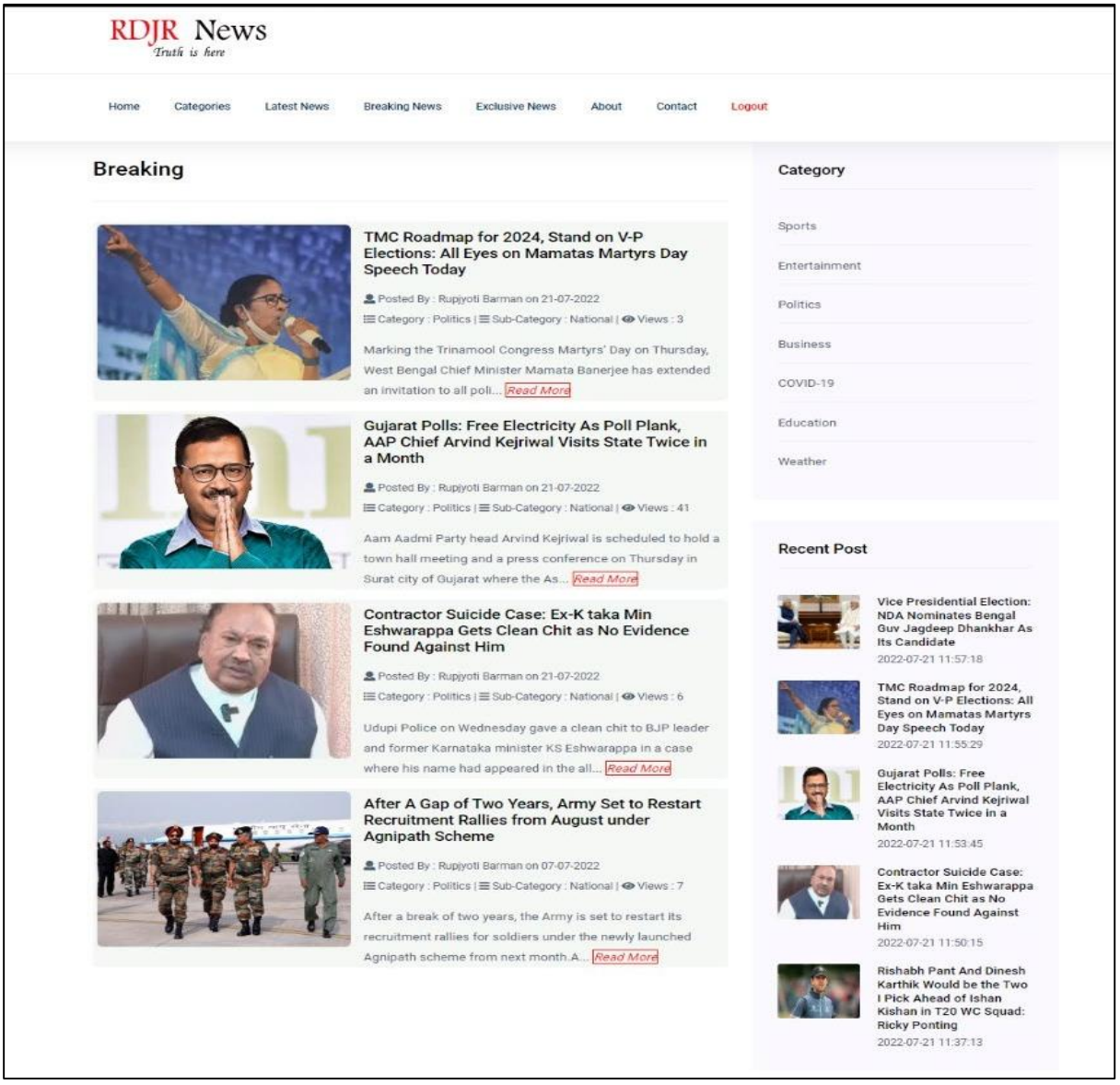

Figure 5.29: Breaking news page

CHAPTER 6

CONCLUSION

In our project work, an attempt has been made to develop a cost effective and time saving web- based newspaper “Online News Portal”. We develop this project to help the people and make them aware so that they can know any news in a preferred manner. Watching the headlines online helps user to save time while providing with the most up-to-date information. It also spares money that user would have spent on a newspaper package. It includes latest news which help user to get information on daily basis. The news portal allows user to have the most up-to-date headlines, newsheadlines, and front-page headlines delivered to them at all times.
This Online News Portal program can be a complete user’s solution that provides a flexible, secureand easy-to-use environment.

FUTURE PLAN:

- Want to enlarge the project's facilities.
- Work with large number of source and large data sets.
- Add videos related to news.
- Manage news reporting system.
- Update our database.