

**SSS**

**STUDENT SUPPORT SERVICES**

Submitted by

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### 216149S

Of

III B.SC(MSCS(A))

For the academic year 2021 – 2024 Under the esteemed guidance of **Mrs. M.Praveena , M.S.C**

### DEPARTMENT OF COMPUTER SCIENCE



**SRI DURGA MALLESWARA SIDDHARTHA MAHILA KALASALA**

An Autonomous College in the Jurisdiction of Krishna University A College with Potential For Excellence Sponsors:

SIDDHARTHA ACADAMY OF GENERAL AND TECHNICAL EDUCATION



**CERTIFICATE OF APPROVAL**

This is to certify that **M.Jyothika (216149S)** of **SRI DURGA MALLESHWARA SIDDHARTHA MAHILA KALASALA** has successfully completed the project work titled **SSS(STUDENT SUPPORT SERVICES)** in particular fulfilment of requirement for the completion of

**B.sc Course** as predicted by **SRI DURGA MALLESHWARA SIDDHARTHA MAHILA KALASALA**. This project report is the record of authentic word carried out by her during the **28-02-2023 to 20-05-2024.** She has worked under my guidance.

Signature:

Project guide Name (Internal):**Mrs. M.Praveena, M.sc(Computer science)**

Date:

Counter signed by Signature:

Name of the HOD: **Mrs. M . Praveena, M.sc(Computer science)**

Date:

Signature:

Name of the External Examiner: Date:

#### ACKNOWLEDGEMENT



It is indeed with a great pleasure and immense sense of gratitude that we acknowledgement the help of these individuals. We are highly indeed to our Principal **Dr. S. Kalpana** madam and Director **Dr. T. Vijayalakshmi** madam for the facilities provided to accomplish this main project.

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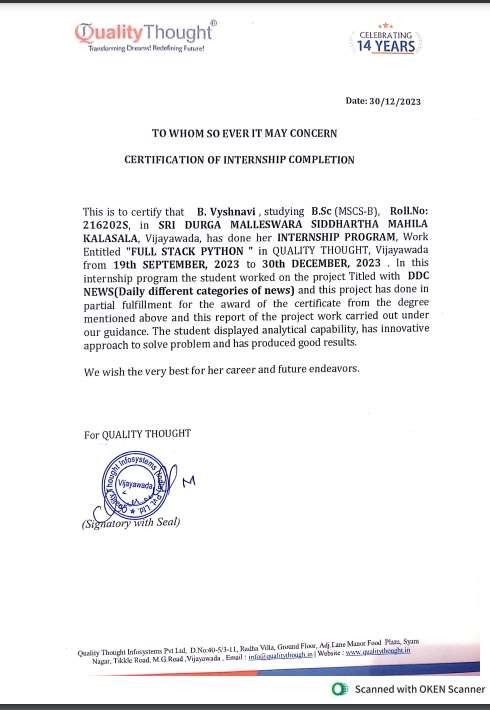


**DECLARATION**

We **Ms.M.JYOTHIKA(216149S)** hereby declare that this project report is the record of authentic work carried out by us during the period from 2022-2023 and has not been submitted to any other university or Institute for the award of any degree/diploma etc.

Signature:

Name of the Student: M.JYOTHIKA (216149S) Date:



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# CHAPTER 1

**INTRODUCTION**

**SS S (STUDENT SUPPORT SERVICES)**

**INTRODUCTION**

**PROBLEM STATEMENT**:The students are facing an crucial role in providing a supportive environment that addresses the diverse needs i.e., resources and services to the students on demand.

**SOLUTION:** The solution for this problem is to provide all services based on their student needs. To overcome this problem we want to create new website.

**INPUTS:** The input in this project is **URL .**The feature in this project are simple no personal information are asked .The user hold should hold simply and paste or type the url or address of the website

**OUTCOME:** The outcomes of this project a student can able to know or see all types of services and that helps to nurturing growth and acheivements.

**MODEL TYPE:** This project model type uses a **CLASSIFICATION** algorithm.

**MODEL TYPE BRIEF:**

**TECHNOLOGY DETAILING:**

* **Frontend:** HTML, CSS, BOOTSTRAP, JAVASCRIPT
* **Backend:** Python
* **Mobile:** React Native
* **Database:** SQL

**HTML:** Hypertext Mark-up Language, a standardized system for tagging text files to achieve font, colour, graphic, and hyperlink effects on World Wide Web pages.

**CSS:** Cascading Style Sheets (CSS) is a **style sheet language used to describe the presentation of a document written in HTML or XML**.CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.

**BOOTSTRAP: Bootstrap** is the most popular **CSS Framework** for developing responsive and mobile-first websites. **Bootstrap 5** is the newest version of Bootstrap. Bootstrap includes a responsive, mobile first fluid grid system that appropriately scales up to 12 columns as the

device or viewport size increases. It includes predefined classes for easy layout options, as well as powerful mixing for generating more semantic layouts.

**JAVASCRIPT:** JavaScript is used by programmers across the world to **create dynamic and interactive web content like applications and browsers**. JavaScript is so popular that it's the most used programming language in the world, used as a client-side programming language by 97.0% of all websites

**PYTHON:** Python is **an interpreted, object-oriented, high-level programming language** with dynamic semantics. Python is a computer programming language often used to build websites and software, automate tasks, and analyse data. Python is a general-purpose language, not specialized for any specific problems, and used to create various programmes.

**SQL:** SQL means structured query language **Structured query language (SQL)** is a programming language for storing and processing information in a relational database. A relational database stores information in tabular form, with rows and columns representing different data attributes and the various relationships between the data values.

**DJANGO:** Django is a **high-level Python web framework** that enables rapid development of secure and maintainable websites. Built by experienced developers, Django takes care of much of the hassle of web development, so you can focus on writing your app without needing to reinvent the wheel.

**EXISITING SYSTEM**

* There are several student websites in our way to way platform like NEXTWAVE , NAUKARI , LINKEDLIN etc.
* The student website platform provides various kinds of services.
* And they are providing premium features, oversaturation and competition, privacy concerns.
* If students who want all kinds of services but they are losing their valuable time or career planning.
* And also in our day to day networking life they are many websites providing services like letsintern, Internshala etc.

**PROPOSED SYSTEM**

* For this type of problem we introduce a new website is SSS (STUDENT SUPPORT SERVICES).
* In this new website we are providing services for the students .
* We are providing student services to enhance their learning experience and overall well being.
* These services can include various such as academic advising , career guidance and access to information and resources.

**OBJECTIVE**

* To develop a student support services we are using python and MySQL database.
* To provide a user-friendly online platform for students to browse and see the services from a website.
* To allow admin to see the services through the platform.
* To incorporate features for user authentication and user login, ensuring user data privacy and security.
* The user can see all types of student services in this platform.
* The user can easily identify what exactly they want to see in this platform.

# CHAPTER 2

## SYSTEM ANALYSIS

**CHAPTER 2**

**SYSTEM ANALYSIS:**

Today, it is hard to imagine any industry of business that has been affected by computer based information systems and computer application. Many businesses consider management of their information resource to be equal in importance to managing their other key resource like property, facilities, equipment, employees and capital.

Organizations consider information systems and information technology to be essential to their ability to compete or gain a competitive advantage. Most businesses realize that all workers need to participate in the development of information systems -not just he information technology specialists. This is true for the case of libraries also. All stakeholders in an information system are information workers.

The term information worker was coined to describe those people whose jobs involve the creation, collection, processing, distribution, and use of information. Library and information professionals are very important stakeholders in the information system design. Therefore, systems analysis is a subject that should be familiar with library professionals.

Systems study may be defend as “a study of the operation of a set of connected elements and of the inter -connections between these elements”. It shows clearly that one cannot ignore any part or element of a system without first finding out the effect that element has on the operation of the system as a whole. We can understand this with the help of analysis.

There is a difference between “systems approach” and “systems analysis” also. The systems approach shows a set of procedure for solving a particular problem. It applies scientific methods to observe, clarify, identify and solve a problem with special being taken to understand the inter -relatedness between element and their system characteristics.

However, systems analysis is a management technique which helps us in designing a new system or improving an existing system. Analysis is a detailed study of the various operations performed by a system and their relationships within and outside the system. During

analysis, data collected on the available files, decision points, and transactions handled by the present system.

Data flow diagrams, interviews, on-site observations, and questionnaire are tools used collect data and information. Once analysis is completed, the analysis has a firm understanding of what is to done. The next step is to decide how the problem might solved.

Designing and implementing system to suit organizational needs are the functions of the system analyst. A system analysis is a person who conducts a study, identifiers activities and objectives and determines a procedure to achieve the objectives.

The job of the system analysis is not confined to data processing as Theoretical Aspects of programming 16 such, because it deals heavily with people, problems and technology. Common sense, a structured framework, and a disciplined approach to solving problems are part of analysis.

#### Role of a System Analysis:

A system analyst plays a multifaced role. He performed as a change agent, monitor, architect, psychologist, salesperson, motivator, and politician

#### Change agent:

People inherently resist change and people can even become information in case of excessive changes. However, systems analysis and design is essentially about change and reorientation to a new system. The system analysis is the agent of change to introduce the change to the user with minimum resistance.

#### Investigator and monitor:

In defining a problem, the systems analyst puts together the information gathered to determine why the present system does not work well and what changes will correct the problem. Here he plays the role of an investigator who extract the problem of the existing systems and creating new system. In the role of the monitor, the system analyst monitors programs in relation to time,cost, and quality.

#### Architect:

As an architect, the systems analysts create a detailed design of candidate system. He obtains the abstract ideas and requirements of the users and provides details to build the end product.

#### Psychologist:

Systems are built around people and therefore, it is very important to understand people. In the role of a psychologist the systems analyst reaches out to people, interprets their thoughts, assesses their behavior and conclusion from these interactions **Salesperson:**

Selling change can be as initiating change, Selling the system actually takes place at each step in the system life cycle. Sales skills and persuasiveness are crucial to the success of the system.

#### Motivator:

The analysis’s role as a motivator becomes necessary during the first few weeks after implementation and during training of the people to work on the new system. It requires lot of dedication to motivate users.

#### Politician:

In implementation the new system, the analyst tries to appease all parties involved. Diplomacy and finesse in dealing with people can improve acceptance of the systems. As a politician, the analyst’s goal is to have the support of the users. Systems Analysis Skills An analyst must possess various skills to effectively carry out the job

Specially, they may be divided into two categories.

Interpersonal and Technique

Both are required for system development. Interpersonal skills deal with relationship and the interface of the analyst with people in business. Technical skills focus on procedures and techniques for operations analysis, systems analysis, and computer science. Interpersonal skills.

#### Communication:

A system analyst should have the ability to articulate an speak the language of the user, have a flair for mediation and a knack for working with virtually all levels in the organization.

#### Understanding:

A system analyst should be able to identify problem and assessing Systems. Analysis 17 its impact and have grasp of the organization goals and objectives and shows sensitivity to the impact of the system on people at work.

#### Teaching:

A system analyst should be able to educate people in use of computer systems, selling the system to the user and giving support when needed.

#### Selling:

This skill involves selling ideas and promoting innovations in problem solving using computers.

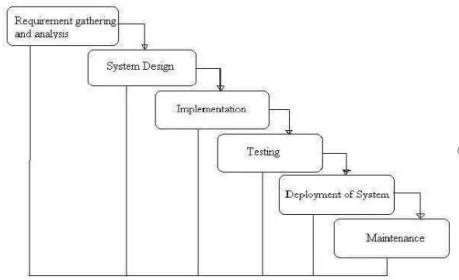
#### Technical skills creativity:

A system analyst should be able to help user model ideas into concrete plans and develop candidate systems to match user requirements.

#### Problem solving:

She should reduce problem to their elemental levels for analysis, developing alternative solutions to a given problem, and define the pros and cons of candidate systems.

**SYSTEM REQUIRMENTS:**



**HARDWARE REQUIRMENTS**

|  |  |
| --- | --- |
| **Operating System** | WINDOWS 11 Pro |
| **RAM** | 8 GB |
| **PROCESSOR** | AMD Ryzen 3 7320U |
| **HARD DISK** | MINI 117 GB |

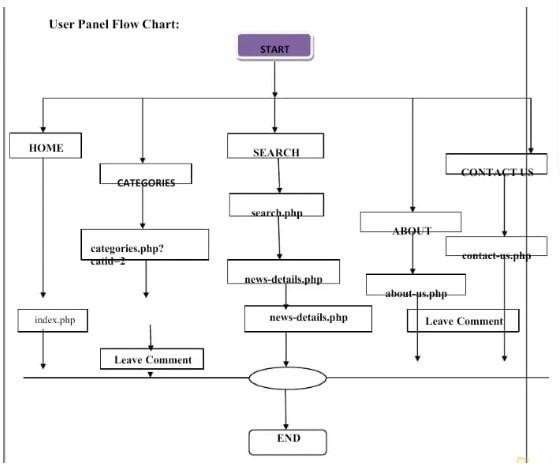
#### SOFTWARE REQUIRMENTS

|  |  |
| --- | --- |
| **Backend** | Python(3.12.1) |
| **UI** | Notepad |
| **LAN Connectivity/Wi-Fi** |  |
| **Database** | MYSQL |
| **Tools** | Visual Studio |

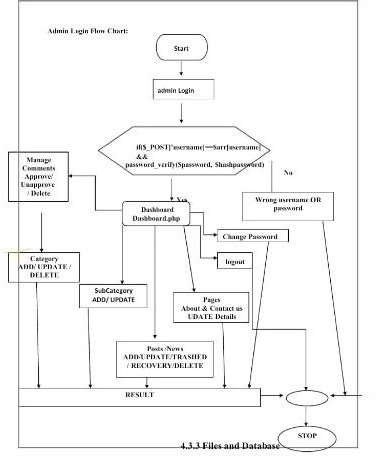
**PROGRAMMING LANGUAGES:**

* **HTML**
* **CSS**
* **JAVASCRIPT**
* **BOOTSTRAP**
* **PYTHON**
* **MYSQL**

#### USER PANEL DESIGN



**ADMIN PANEL DESIGN:**



#### ADMIN LOGIN FLOW CHART

**NEWS DATABASE has 6 Tables:**

#### Admin

* **Category**

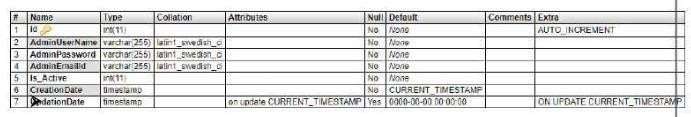
#### Comments

* **Pages**

#### Posts

* **Subcategory**

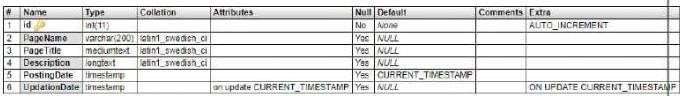
#### Admin



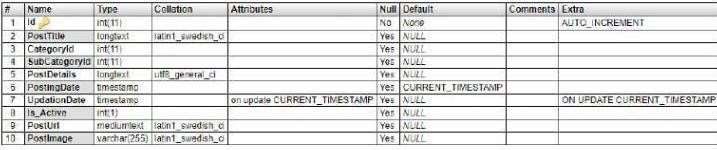
* **Category**

#### Comments



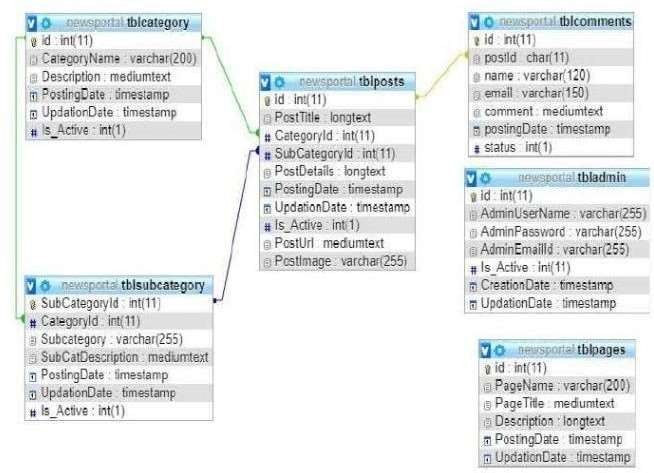
* **Pages**

#### Posts



* **Subcategory**

#### Relationship between tables:



**INPUT AND OUTPUT DESIGN**

#### INPUT DESIGN

* The user enters the email and password on the login page.
* The email address and password are validated for format and length.
* If the user entered details are not valid, an error message is displayed to the user
* If the user details were valid, the data is sent to the server for authentication.

#### OUTPUT DESIGN

* + If the user is authenticated successfully, the system redirects user to their dashboard.
  + If the user enters incorrect credentials, an error message is displayed.
  + If the user forget their password , they can get a OTP verification code for forgot password.
  + If the user forgets their password, they can request a password reset link via email.

#### LITEATURE SURVEY

A literature survey is an essential part of any research or project, as it provides an overview of the existing research and helps in identifying gaps or areas that need further explanation.

The research tells us that when the average news user in the UK wakes up in the morning, they might turn on the TV to see the latest headlines while they get ready, or they might sit and open their phone while they eat. When they open their phone, they might check their notifications or they might go straight for their daily news dose, whether through an app, aggregator, or news feed. This hypothetical news user checks the news a couple of times a day. They will come across local news maybe once a day. Alongside a daily check, they check national news more often (64% of people access national news daily, with 50% using local news daily). When respondents were asked to comment on how they experience national and local news, we found that they were slightly more likely to share national news stories than local stories once a week or more (22% to 20% respectively). They see news that informs them and holds powerful people to account more often in national publications than in local news. That said, they are still quite critical of their news sources, as we’ll see below. Over the course of their day, they are more likely than not to comment on a national news story; more likely than if it is a local news story by comparison. Once a week, the average UK news user is more than likely to share stories to their own news feeds, or every couple of months when a particularly noteworthy article pops up.

In the cases of local/regional and national news, people most commonly take in the news around them one to two times a day, with 38% of the public taking in both. They are less likely to think their local news has a hidden agenda, spreads mis/disinformation, or promotes hatred or violence

than its national counterpart. Local and regional news, however, are used less regularly. For those who use news multiple times a day, national news is more likely to be the go-to source is by far the most used news source by the public, with over half of people citing it as the main way of getting their news. 32% of people say online outlets are their main source of news, while both radio and print are the main ways for less than 10% of people. There is a clear preference for TV and print among older age groups, with TV reaching as high as 65% for 55+ year olds. Online (particularly phone usage) is more prolific among younger age groups. Online use moves from 48% among 18-24 all the way down to 6% among 75+, as might be expected. There is a significant drop in online phone news use between the ages of 35-44 and 45-54, reflecting the onset of digitally native generations. Radio news use is steady across all age groups except in 18-24, where it is below average. As we will see, however, news use is nuanced beyond first choices, especially given the variety of sources we have available in today’s news landscape. Different social media platforms facilitate different types of news engagement. Facebook is by far the most used source of news on social media, twice as much as runner-up Instagram. Facebook is the only platform where unofficial news use outperforms established outlets, while Twitter is (relatively) used more for finding news from established news organisations and journalists. A sizable proportion (over 35%) also says that they don’t use social media for news, almost double the amounts that use Instagram or Twitter individually as their main source of news on social media. Online-only news is a dominant source of local and national news for 13-14% of people. While national newspapers outdo any individual online-only publisher, online only publishers collectively are accessed slightly more often than The Daily Mail (the highest selected national newspaper). While this collection of online-only publishers is fragmented, this indicates that its collective voice is influential in the news landscape.

While TV is still dominant, both newspapers and radio are more commonly used than they first appear, with independent online only publishers on par with commercial radio and close to the levels of use of BBC local radio. While radio and print are rarely people’s first port of call for news, they are still part of the mixed news diet and, alongside online news, still play a significant role in the national conversation. Almost half of people make a deliberate decision to access the news, and as we’ve already seen and will continue to see, age groups differ significantly. 22% of 18-24-year-olds say that they mostly make a deliberate decision to access the news. This slides as high as 72% of those aged 75+. Older groups are far more likely to deliberately seek out news while younger groups are more likely to come across news while doing other things, mainly when spending time on social media.

The top topic of interest is local or regional news, closely followed by international news, social issues, crime, and then health. Younger groups take a slightly stronger interest in social issues (which are also more likely to interest those with higher educational qualifications) and arts and culture, with older groups far less interested in celebrity news. Sports are the one topic that remains relatively even across the demographic board. As educational qualifications increase, there’s a higher tendency towards politics, business, and international news, with similar dynamics echoing those of higher socio-economic groups. Online users differ significantly from each other on celebrity news, with 42% of phone users ‘interested’ compared to only 17% of other-online device users; this may also reflect the age gap differential between phone and other-online device users.

#### FEASIBILITY STUDY

Whatever we think need not be feasible. It is wise to think about the feasibility of any problem we undertake. Feasibility is the study of impact, which happens in the organization by the development of a system. The impact can be either positive or negative. When the positives nominate the negatives, then the system is considered feasible. Here the feasibility can perform three ways such as economic feasibility, technical feasibility and social feasibility

**ECONOMIC FEASIBILITY**

Development of this application is highly economically feasible .The organization needed not spend much m one for the development of the system already available. The only thing is to be done is making an environment for the development with an effective supervision. I f we are doing so , we can attain the maximum usability of the corresponding resources .Even after the development , the organization will not be in a condition to invest more in the organization .Therefore , the system is economically feasible

.

#### TECHNICAL FEASIBILITY

It is technically feasible, since there will not be much difficulty in getting required resources for the development and maintaining the system as well. All the resources needed for the development of the software as well as the maintenance.

#### SOCIAL FEASIBILITY

Social feasibility is a key aspect of feasibility study, which is an evaluation of the practicality of a proposed project or system. It refers to the assessment of how the proposed project is likely to be accepted by the society in which it will be implemented. In other words, social feasibility determines whether the project will be socially acceptable or not. It takes into account the opinions, beliefs, values, and attitudes of various stakeholders such as customers, employees, shareholders, government, and community

# CHAPTER-3 UML DIAGRAMS

#### CHAPTER-3

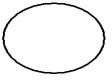
**Data Flow Diagram**

A data flow diagram is a short road map for that graphically represents how the data moves through the existing system .we have used data flow diagram in design process. The data flow diagram provides facilitating communication between us and user. DFD shows what kinds of information will be input to and output from the system, where the data will come from and go to, and where the data will be stored. It does not show information about the timing of processes, or information about whether processes will operate in sequence or in

parallel.

#### Circle:

The processes are represented by circle shows what the action take on the data-checking. A process accepts input data needed for the process to be carried out and produces data that it passes on to another part of the DFD.

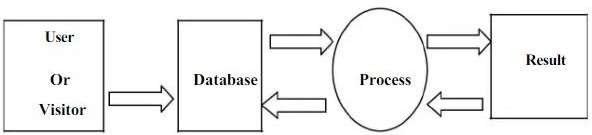


#### Arrow :

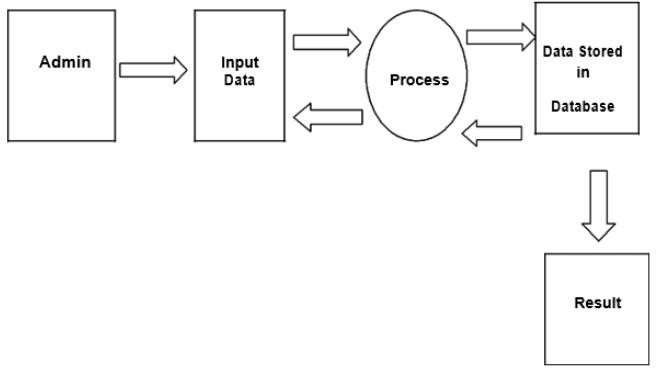
Arrow defines direction of the data flow. It shows the direction between a data store to another data store, source to processes.



#### Data flow diagram of Online News Paper for the USER



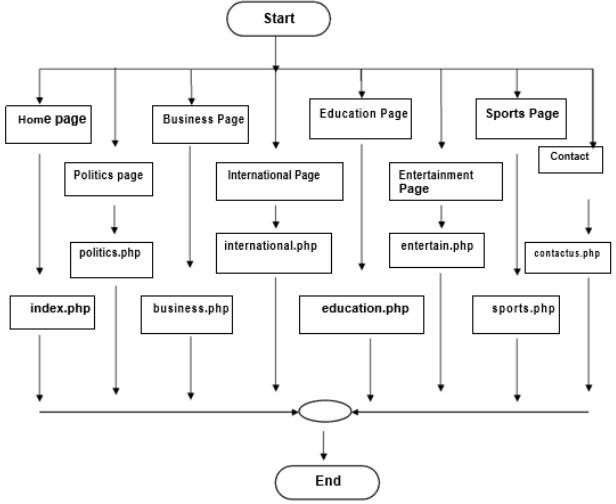
**Data flow diagram of Online News Paper for the Admin:**



#### User Panel Design

In user panel design we have done our task for user. Here we provide facility about Online News Paper. In index page user can select any options which is needed by him/her. By selecting options he/she can see the desired page. Then he/she can get the all oriented information finally. The design of user panel is shown in following flow chart.

#### User Panel Flow Chart:



**UML Diagram:**

UML (Unified Modelling Language) is a common software engineering modelling language that is used to solve a wide variety of problems. It’s a “the Common Tongue” of Westeros, for Game of Thrones fans. It helps you specify, visualize, and document models of software systems, including their structure and design, before coding (with an emphasis on “before”). As the old proverb says: “The carpenter measures twice and cuts once”.

There are several types of UML diagrams and each one of them serves a different purpose. The two most broad categories that encompass all other types are Structural and Behavioural diagrams.

**Structural** (or Static) diagram visualizes the system’s static structure through objects, attributes, operations, and relationships. I have a cat, Lola. She has some stuff, such as a food bowl, claw sharpener, and the poop-house. So, the static aspects of Lola encompass the existence of her stuff. By the way, Lola herself will be described as an object (from an objectoriented view, right?).

The Structural diagrams are: Class Diagram, Object Diagram, Component Diagram, Composite Structure Diagram, Package Diagram, Deployment Diagram, and Profile Diagram.

**Behavioural** (or Dynamic) diagrams are used to visualize the dynamic aspects of a system. The Behavioural category includes a few general types of behaviour, specifically the Use Case Diagram, Activity Diagram, and State Machine Diagram; and types that represent the different aspects of interaction (aka “Interaction Diagrams”) — Sequence Diagram, Communication Diagram, Timing Diagram, and Interaction Overview Diagram.

In other words, it shows how the system interacts with external entities and users, how it responds to input or events, and what constraints it operates under. Just an example of an interaction between me and my cat. Lola hysterically meows. It triggers me to put food in her bowl. She eats while keeping the “thank hers”.

Not all of the 14 different types of UML diagrams are used regularly when documenting systems and/or architectures. I’m about to write about the most useful diagrams, in my humble opinion, and will start the series with Class Diagrams

#### Class Diagram

Since most software being created nowadays is still based on the object-oriented programming paradigm, using Class diagrams to document the software turns out to be a common-sense solution.

A Class Diagram describes the structure of a system by showing it’s classes, their attributes, methods, and the relations between them. It’s a vocabulary of the system, a common language between all members of the team.

Structural features (attributes) define what objects of the class “know”. Cat knows her eye colour, coat, weight range and is acutely aware of her superiority.

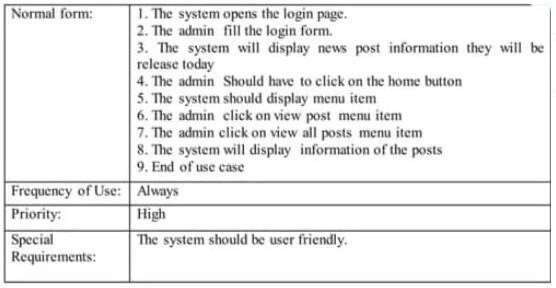
Behavioural features (operations, aka methods) define what objects of the class “can do”. A cat can meow, eat, and poop (a very superficial idea of what a cat can do).

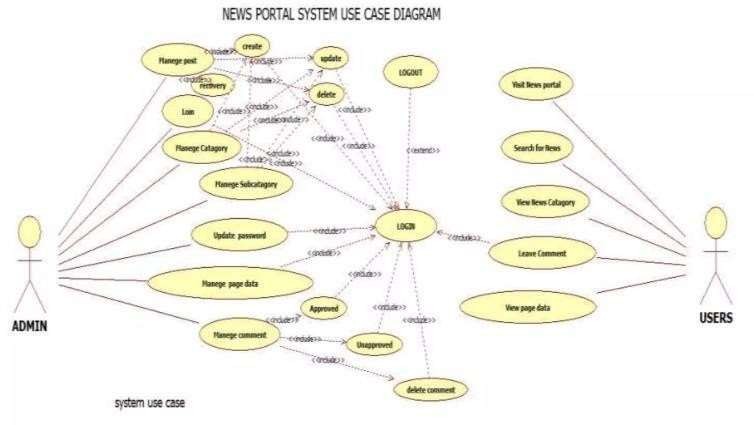
Classes are described as boxes in a Class Diagram. Each box has a title that represents the name of the class. Under the title, there are two sections:

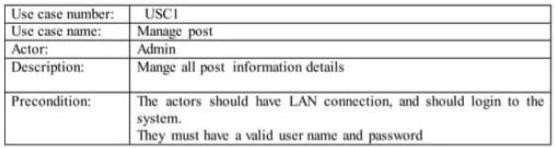
The middle part of the box includes **attributes**

#### Use Case Diagram:

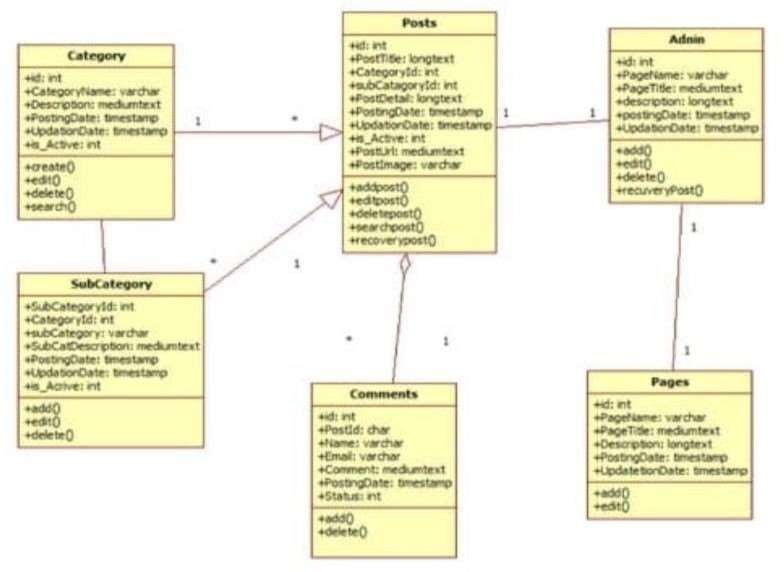
The case models are used to document the behavioral (functional) requirement of a system. A use case describes a sequence of action that provides a measurable value to an actor.





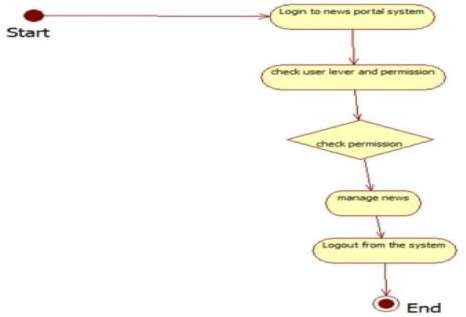


#### Class Diagram:

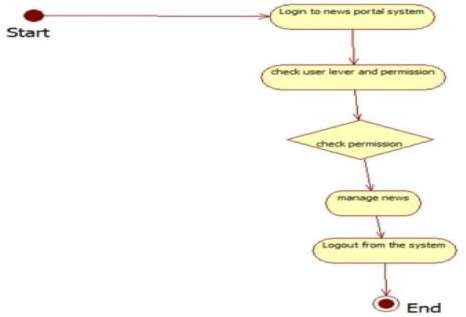


**Activity Diagram:**

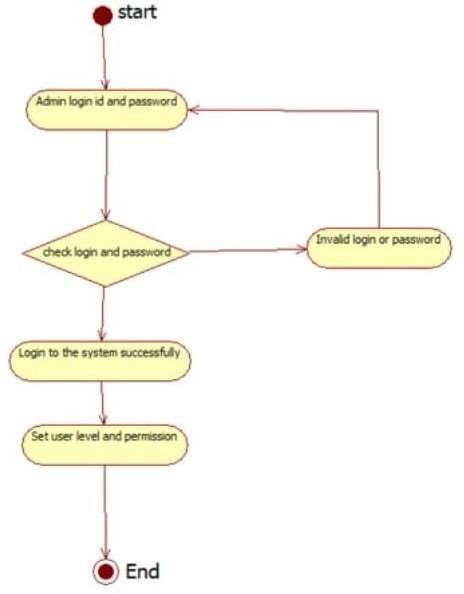
#### Activity Diagram Manage News:



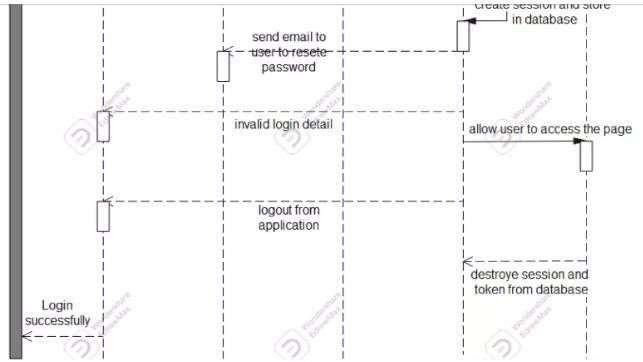
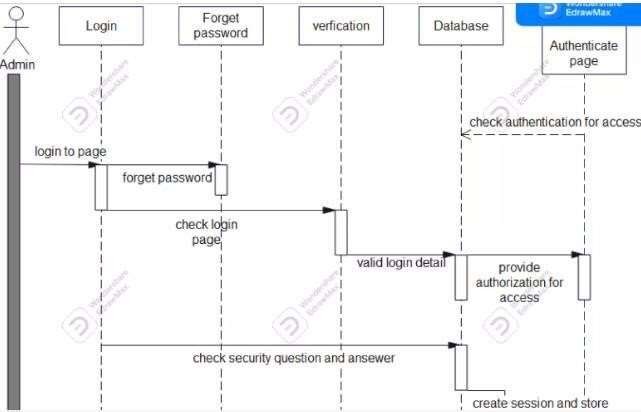
Activity Diagram Manage Type:



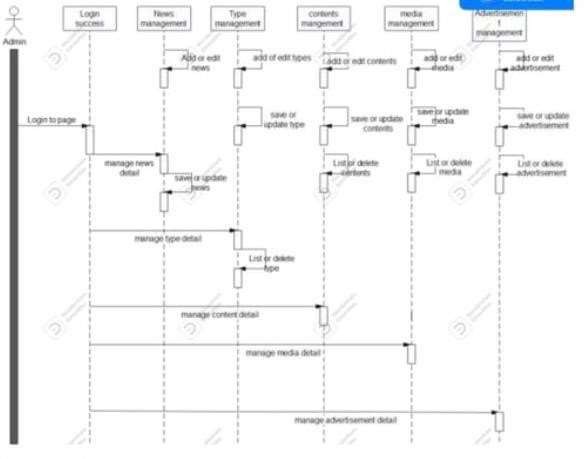
#### Activity Diagram Admin Login:

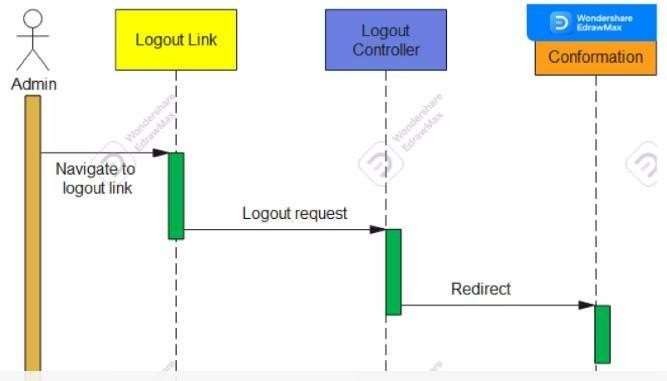


**Sequence Diagram:**



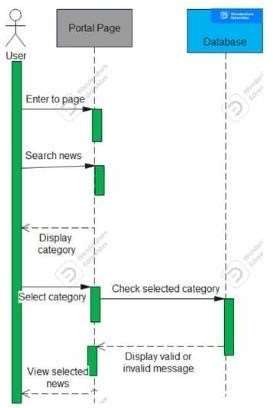
#### Admin login successfully:



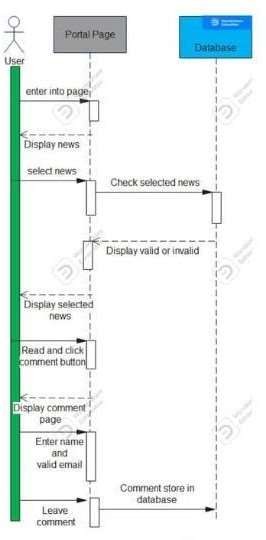


**Sequence Diagram logout:**

#### Sequence Diagram for search news:



**Sequence Diagram for comment:**



# CHAPTER 4

## IMPLEMENTATION

### CHAPTER 4

**IMPLEMENTATION**

#### MODULE DESCRIPTION

**Admin Module**

In this module the admin have the authority to manage the whole project. Administrator can handle the front end and back end of the website as well. Admin will create the login to add items, update items and delete items. The admin will view review from user and update the website. Working of the admin module are:

1. Add News
2. Item status
3. User Details

#### User Module

In this module the user have the authority to access the products through a valid login which is provides by after registering the user details. After login user can purchase or select the products through a particular category, adding to the cart, user can give rating to that product.

Working of the user module:

1. User login
2. View data

#### SYSTEM TESTING

System Testing is a type of software testing that is performed on a complete integrated system to evaluate the compliance of the system with the corresponding requirements. In system testing, integration testing passed components are taken as input. The goal of integration testing is to detect any irregularity between the units that are integrated together. System testing detects defects within both the integrated units and the whole system. The result of system testing is the observed behavior of a component or a system when it is tested. System Testing is carried out on the whole system in the context of either system requirement specifications or functional requirement specifications or in the context of both. System testing tests the design and behavior of the system and also the expectations of the customer.

It is performed to test the system beyond the bounds mentioned in the software requirements specification (SRS). System Testing is basically performed by a testing team that is independent of the development team that helps to test the quality of the system impartial. It has both functional and non-functional testing. System Testing is a black-box testing. System Testing is performed after the integration testing and before the acceptance testing.

#### TYPES OF SYSTEM TESTING

Unit Testing Integration Testing Functional Testing System Testing White Box Testing Black Box Testing

#### UNIT TESTING

During the implementation of the system each module of the system was tested separately to uncover errors within its boundaries. User interface was used as a guide in the process. The goal of unit testing is to isolate each part of the program and show that individual parts are correct in terms of requirements and functionality. The object of this testing is to verify correctness of the module. The purpose of unit testing is to check that as individual parts are functioning as expected. All modules are verified by the unit testing.

#### INTEGRATTION TESTING

System Integration Testing is started after the individual software modules are integrated as a group. This testing is mainly focuses on the modules at the time integrating those modules. Integration testing is a systematic technique for constructing the program structure while conducting tests to uncover errors associated with interfacing. The objective is to take unit tested module and build a program structure that has been dictated by design. There are two methods of doing Integration Testing. They are Bottom up Integration testing and Top down Integration testing. We are check after integrating the modules, they are communicating each other.

#### FUNCTIONAL TESTING

Functional testing is a type of testing that seeks to establish whether each application feature works as per the software requirements. Each function is compared to the corresponding

requirement to ascertain whether its output is consistent with the end user’s expectations. The testing is done by providing sample inputs, capturing resulting outputs, and verifying that actual outputs are the same as expected outputs.

#### SYSTEM TESTING:

Testing is a set of activities that can be planned in advance and conducted systematically. The proposed system is tested in parallel with the software that consists of its own phases of analysis, implementation, testing and maintenance. Following are the tests conducted on the system.

#### WHITE BOX TESTING

White box testing techniques analyze the internal structures the used data structures, internal design, code structure, and the working of the software rather than just the functionality as in black box testing. It is also called glass box testing or clear box testing or structural testing. White Box Testing is also known as transparent testing, open box testing.

#### BLACK BOX TESTING

Black box testing is a type of software testing in which the functionality of the software is not known. The testing is done without the internal knowledge of the products.

# CHAPTER-5

## SOURCE CODE

#### CHAPTER-5 SOURCE CODE

**BACKEND PYTHON DJANGO CODE: DATABASE:**

#### USERS TABLE:

**FRONT END CODE HOMEPAGE HTML CODE:**

#### BACKEND PYTHON DJANGO CODE:

**App.py code**

**from django.apps import AppConfig class WebsiteappConfig(AppConfig):**

**default\_auto\_field = 'django.db.models.BigAutoField' name = 'WebsiteApp'**

**Settings.py code**

"""

Django settings for WebsiteProject project.

Generated by 'django-admin startproject' using Django 5.0. For more information on this file, see https://docs.djangoproject.com/en/5.0/topics/settings/

For the full list of settings and their values, see https://docs.djangoproject.com/en/5.0/ref/settings/ """

from pathlib import Path

# Build paths inside the project like this: BASE\_DIR / 'subdir'. BASE\_DIR = Path( file ).resolve().parent.parent

SECRET\_KEY = 'django-insecure-+(qb%%jfar8ew6t6+!vr$\_wr6!qa07wkg&+6xh=yvd\_nqqopoc' DEBUG = True

ALLOWED\_HOSTS = []

# Application definition INSTALLED\_APPS = [

'django.contrib.admin', 'django.contrib.auth', 'django.contrib.contenttypes', 'django.contrib.sessions', 'django.contrib.messages', 'django.contrib.staticfiles', 'WebsiteApp',

]

MIDDLEWARE = [

'django.middleware.security.SecurityMiddleware', 'django.contrib.sessions.middleware.SessionMiddleware', 'django.middleware.common.CommonMiddleware', 'django.middleware.csrf.CsrfViewMiddleware', 'django.contrib.auth.middleware.AuthenticationMiddleware', 'django.contrib.messages.middleware.MessageMiddleware', 'django.middleware.clickjacking.XFrameOptionsMiddleware',

]

ROOT\_URLCONF = 'WebsiteProject.urls' TEMPLATES = [

{

'BACKEND': 'django.template.backends.django.DjangoTemplates', 'DIRS': ['templates',],

'APP\_DIRS': True,

'OPTIONS': {

'context\_processors': [ 'django.template.context\_processors.debug',

},

]

WSGI\_APPLICATION = 'WebsiteProject.wsgi.application' # Database

# https://docs.djangoproject.com/en/5.0/ref/settings/#databases DATABASES = {

'default': {

'ENGINE': 'django.db.backends.mysql', 'NAME': 'website',

'USER': 'root', 'PASSWORD':'Sdmsmk21@',

'HOST':'localhost',

}

AUTH\_PASSWORD\_VALIDATORS = [

{ 'NAME':

'django.contrib.auth.password\_validation.UserAttributeSimilarityValidator',

},

{

'NAME': 'django.contrib.auth.password\_validation.MinimumLengthValidator',

},

{

'NAME': 'django.contrib.auth.password\_validation.CommonPasswordValidator',

},

{

'NAME': 'django.contrib.auth.password\_validation.NumericPasswordValidator',

},

]

STATIC\_URL = 'static/'

DEFAULT\_AUTO\_FIELD = 'django.db.models.BigAutoField' STATICFILES\_DIRS = [

BASE\_DIR / "static",

]

MEDIA\_URL="/media/" MEDIA\_ROOT=BASE\_DIR / "media"

### Model.py code:

from django.db import models class AllNews(models.Model):

category=models.CharField(max\_length=255) headings=models.CharField(max\_length=500) image=models.ImageField(upload\_to='images/',null=True,blank=True) content=models.CharField(max\_length=5000)

class Meta: db\_table='AllNews'

class login(models.Model):

username=models.CharField(max\_length=255) pass1=models.CharField(max\_length=255) class signup(models.Model): uname=models.CharField(max\_length=255) email=models.CharField(max\_length=255) pass1=models.CharField(max\_length=255) pass2=models.CharField(max\_length=255) class signupddata(models.Model):

class UploadImage(models.Model): image=models.ImageField(upload\_to='images/',null=True,blank=True) category=models.CharField(max\_length=255,default='dummy') headings=models.CharField(max\_length=500,default='dummy') content=models.CharField(max\_length=30000,default='dummy') Views.py Code:

from django.shortcuts import render from .models import AllNews

from django.shortcuts import render,HttpResponse,redirect from django.contrib.auth.models import User

from django.contrib.auth import authenticate,login,logout from django.contrib.auth.decorators import login\_required from .models import login

from .models import signup

from .models import UploadImage if request.method == 'POST':

print("Iam in if condition") username=request.POST['username'] password=request.POST['password'] address=request.POST['address'] print(username,password,address) datasaving=Register(1,username,password,address) datasaving.save()

else:

return render(request,'register.html') def showdata(request):

data=Register.objects.all()

return render(request,'showdata.html',{'data':data}) def home(request):

return render(request,'home.html') def DDCNews(request):

if request.method =='POST': category=request.POST['category'] sub\_category=request.POST['sub\_category'] headings=request.POST['headings'] content=request.POST['content'] print(category,sub\_category,headings,content)

datasaving=AllNews(1,category,sub\_category,headings,content) datasaving.save()

return render(request,'success.html') else:

return render(request,'DDCNews.html') def datatable(request): data=AllNews.objects.all()

return render(request,'datatable.html',{'data':data}) def formDummy(request):

print("I am in printing ")

if request.method =='POST': category=request.POST['category'] headings=request.POST['headings'] image=request.POST['image'] content=request.POST['content'] print(i)

datasaving=AllNews(i+1,category,headings,image,content)

datasaving.save()

return render(request,'sucess.html') else:

return render(request,'form.html') def form(request):

print("I am in printing ")

if request.method =='POST': prod=AllNews() prod.category=request.POST.get['category'] prod.headings=request.POST.get['headings'] if len(request.FILES)!=0:

print('iam in if block') prod.image=request.FILES['image'] prod.content=request.POST.get['content'] i=0

if datafetch is None:

i=0 else:

return render(request,'sucess.html') else:

return render(request,'form.html') def showdata(request): data=UploadImage.objects.all()

return render(request,'showdata.html',{'data':data}) @login\_required(login\_url='login')

def HomePage(request):

return render (request,'home.html') def SignupPage(request):

if request.method=='POST': uname=request.POST.get('username') email=request.POST.get('email') pass1=request.POST.get('password1') pass2=request.POST.get('password2') if pass1!=pass2:

return HttpResponse("Your password and confrom password are not Same!!") else:

my\_user=User.objects.create\_user(uname,email,pass1) my\_user.save()

return redirect('login')

return render (request,'signup.html') def saveSignup(request):

if request.method=="POST": username=request.POST.get('username') email=request.POST.get('email') pass1=request.POST.get('password1') pass2=request.POST.get('password2')

if pass1!=pass2:

return HttpResponse("Your password and confrom password are not Same!!") else:

en=signup(uname=username, email= email, pass1= pass1,pass2=pass2) en.save()

n='Data Inserted' return redirect('login')

return render (request,'signup.html',{'n':n}) def LoginPage(request):

n=''

if request.method=='POST':

username=request.POST.get('username') pass1=request.POST.get('pass')

user=authenticate(username=username,pass1=pass1) n='Data Inserted'

if user is not None:

login(request,user) return redirect('home') else:

return HttpResponse ("Username or Password is incorrect!!!") return render (request,'login.html',{'n':n})

def saveLogin(request):

if request.method=="POST": username=request.POST.get('username') password=request.POST.get('pass') en=login(username=username,pass1=password) en.save()

n='Data Inserted'

return render(request,"index.html") else:

return render(request,"login.html",{'n':n}) def test(request):

if request.method=="POST": prod=UploadImage()

prod.category= request.POST.get('category') prod.headings= request.POST.get('headings') prod.content= request.POST.get('content')

if len(request.FILES)!=0:

print('iam in if block') prod.image=request.FILES['image'] prod.save()

return render(request,'sucess.html') else:

return render(request,'test.html') def testImage(request): images=UploadImage.objects.all()

return render(request,'testImage.html',{'images':images}) """def saveLogin(request):

if request.method=="POST": username=request.POST.get('username') password=request.POST.get('pass')

en=login(username=username,pass1=password) en.save()

n='Data Inserted'

return render(request,"login.html",{'n':n})""" def LogoutPage(request):

logout(request)

return redirect('login') def logindata(request): data=login.objects.all()

return render(request,'logindata.html',{'data':data}) def signupddata(request):

data=signup.objects.all()

return render(request,'signupddata.html',{'data':data}) def latestnews(request):

return render(request,'latestnews.html')

def aboutus(request):

return render(request,'aboutus.html') def forgotpassword(request):

return render(request,'forgotpassword.html') def politicalnews(request):

dataFetch=UploadImage.objects.all().filter(category='politicalnews').order\_by('-id') return render(request,'politicalnews.html',{'dataFetch':dataFetch})

def EducationalNews(request): dataFetch=UploadImage.objects.all().filter(category='EducationalNews').order\_by('- id')

return render(request,'EducationalNews.html',{'dataFetch':dataFetch}) def Business(request):

dataFetch=UploadImage.objects.all().filter(category='Business').order\_by('-id') return render(request,'Business.html',{'dataFetch':dataFetch})

def crimenews(request): dataFetch=UploadImage.objects.all().filter(category='crimenews').order\_by('-id') return render(request,'crimenews.html',{'dataFetch':dataFetch})

def sportsnews(request):

dataFetch=UploadImage.objects.all().filter(category='sportsnews').order\_by('-id') return render(request,'sportsnews.html',{'dataFetch':dataFetch})

def sciencenews(request): dataFetch=UploadImage.objects.all().filter(category='sciencenews').order\_by('-id') return render(request,'sciencenews.html',{'dataFetch':dataFetch})

def entertainmentnews(request): dataFetch=UploadImage.objects.all().filter(category='entertainmentnews').order\_by('- id')

return render(request,'entertainmentnews.html',{'dataFetch':dataFetch}) def lifestylenews(request):

dataFetch=UploadImage.objects.all().filter(category='lifestylenews').order\_by('-id') return render(request,'lifestylenews.html',{'dataFetch':dataFetch})

return render(request, 'politicalcrimenews.html',{'dataFetch':dataFetch}) def StateNews(request):

dataFetch=UploadImage.objects.all().filter(category='StateNews').order\_by('-id') return render(request, 'StateNews.html',{'dataFetch':dataFetch})

def CountryNews(request): dataFetch=UploadImage.objects.all().filter(category='CountryNews').order\_by('-id') return render(request, 'CountryNews.html',{'dataFetch':dataFetch})

def MedicalNews(request): dataFetch=UploadImage.objects.all().filter(category='MedicalNews').order\_by('-id') return render(request, 'MedicalNews.html',{'dataFetch':dataFetch})

def EngineeringNews(request): dataFetch=UploadImage.objects.all().filter(category='EngineeringNews').order\_by('- id')

return render(request, 'EngineeringNews.html',{'dataFetch':dataFetch}) def JobNews(request):

dataFetch=UploadImage.objects.all().filter(category='JobNews').order\_by('-id') return render(request, 'JobNews.html',{'dataFetch':dataFetch})

def GovtexamNews(request):

dataFetch=UploadImage.objects.all().filter(category='GovtexamNews').order\_by('-id') 54

return render(request, 'GovtexamNews.html',{'dataFetch':dataFetch}) def InternationalNews(request):

dataFetch=UploadImage.objects.all().filter(category='InternationalNews').order\_by('- id')

return render(request, 'InternationalNews.html',{'dataFetch':dataFetch}) def IndianNews(request):

dataFetch=UploadImage.objects.all().filter(category='IndianNews').order\_by('-id') return render(request, 'IndianNews.html',{'dataFetch':dataFetch})

def EconomyNews(request): dataFetch=UploadImage.objects.all().filter(category='EconomyNews').order\_by('-id') return render(request, 'EconomyNews.html',{'dataFetch':dataFetch})

def StockMarketNews(request): dataFetch=UploadImage.objects.all().filter(category='StockMarketNews').order\_by('- id')

return render(request, 'StockMarketNews.html',{'dataFetch':dataFetch}) def AssaultNews(request):

dataFetch=UploadImage.objects.all().filter(category='AssaultNews').order\_by('-id') return render(request, 'AssaultNews.html',{'dataFetch':dataFetch})

def KidnappingNews(request): dataFetch=UploadImage.objects.all().filter(category='KidnappingNews').order\_by('- id')

return render(request, 'KidnappingNews.html',{'dataFetch':dataFetch}) def RobberyNews(request):

dataFetch=UploadImage.objects.all().filter(category='RobberyNews').order\_by('-id') dataFetch=UploadImage.objects.all().filter(category='CybercrimeNews').order\_by('- id')

return render(request, 'CybercrimeNews.html',{'dataFetch':dataFetch}) def MudercrimeNews(request):

dataFetch=UploadImage.objects.all().filter(category='MudercrimeNews').order\_by('- id')

return render(request, 'MudercrimeNews.html',{'dataFetch':dataFetch}) def DurgcrimeNews(request):

dataFetch=UploadImage.objects.all().filter(category='DurgcrimeNews').order\_by('-id') return render(request, 'DurgcrimeNews.html',{'dataFetch':dataFetch})

def SexcrimeNews(request):

dataFetch=UploadImage.objects.all().filter(category='SexcrimeNews').order\_by('-id') return render(request, 'SexcrimeNews.html',{'dataFetch':dataFetch})

def CricketNews(request): dataFetch=UploadImage.objects.all().filter(category='CricketNews').order\_by('-id') return render(request, 'CricketNews.html',{'dataFetch':dataFetch})

def FootballNews(request): dataFetch=UploadImage.objects.all().filter(category='FootballNews').order\_by('-id') def VolleyballNews(request): dataFetch=UploadImage.objects.all().filter(category='VolleyballNews').order\_by('- id')

return render(request, 'VolleyballNews.html',{'dataFetch':dataFetch}) def HockeyNews(request):

dataFetch=UploadImage.objects.all().filter(category='HockeyNews').order\_by('-id') return render(request, 'HockeyNews.html',{'dataFetch':dataFetch})

def OuterspaceNews(request): dataFetch=UploadImage.objects.all().filter(category='OuterspaceNews').order\_by('- id')

return render(request, 'OuterspaceNews.html',{'dataFetch':dataFetch}) def PhysicsNews(request):

dataFetch=UploadImage.objects.all().filter(category='PhysicsNews').order\_by('-id') return render(request, 'PhysicsNews.html',{'dataFetch':dataFetch})

def WildlifeNews(request): dataFetch=UploadImage.objects.all().filter(category='WildlifeNews').order\_by('-id') return render(request, 'WildlifeNews.html',{'dataFetch':dataFetch})

def NaturalcalamitiesNews(request): dataFetch=UploadImage.objects.all().filter(category='NaturalcalamitiesNews').order\_b y('-id')

return render(request, 'NaturalcalamitiesNews.html',{'dataFetch':dataFetch})

def MoviesNews(request): dataFetch=UploadImage.objects.all().filter(category='MoviesNews').order\_by('-id') return render(request, 'MoviesNews.html',{'dataFetch':dataFetch})

def IndustryNews(request): dataFetch=UploadImage.objects.all().filter(category='IndustryNews').order\_by('-id') return render(request, 'IndustryNews.html',{'dataFetch':dataFetch})

def FoodNews(request): dataFetch=UploadImage.objects.all().filter(category='FoodNews').order\_by('-id') return render(request, 'FoodNews.html',{'dataFetch':dataFetch})

def CulturalNews(request): dataFetch=UploadImage.objects.all().filter(category='CulturalNews').order\_by('-id') return render(request, 'CulturalNews.html',{'dataFetch':dataFetch})

def Healthnews(request): dataFetch=UploadImage.objects.all().filter(category='Healthnews').order\_by('-id') def kabbadi(request): dataFetch=UploadImage.objects.all().filter(category='kabbadi').order\_by('-id') return render(request, 'kabbadi.html',{'dataFetch':dataFetch})

#### Urls.py Code:

from django.contrib import admin from django.urls import path from WebsiteApp import views from django.conf import settings

from django.conf.urls.static import static urlpatterns = [

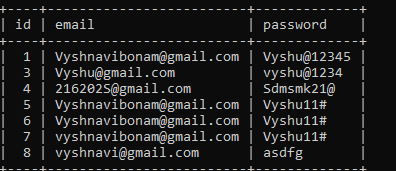
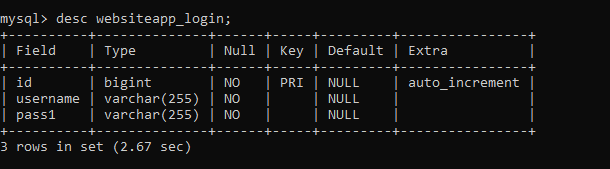
path('admin/', admin.site.urls), path('',views.SignupPage,name='signup'), path('login/',views.LoginPage,name='login'), path('saveLogin/',views.saveLogin,name='saveLogin'),

path('saveSignup/',views.saveSignup,name='saveSignup'), path('home/',views.HomePage,name='home'), path('signupddata/',views.signupddata,name='signupddata'), path('index/',views.index),

path('form/',views.form), path('sucess/',views.sucess), path('showdata/',views.showdata), path('latestnews/',views.latestnews), path('politicalnews/',views.politicalnews), path('EducationalNews/',views.EducationalNews), path('Business/',views.Business), path('crimenews/',views.crimenews), path('sportsnews/',views.sportsnews), path('sciencenews/',views.sciencenews), path('entertainmentnews',views.entertainmentnews), path('lifestylenews/',views.lifestylenews),

#### Models.py

class login(models.Model): username=models.CharField(max\_length=255) pass1=models.CharField(max\_length=255)



#### Signup Table:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<h1>Show data page </h1>

<table border="2">

{% for tabledata in data%}

<tr>

<td>{{tabledata.id}}</td>

<td>{{tabledata.username}}</td>

<td>{{tabledata.password}}</td>

<td>{{tabledata.con}}</td>

</tr>

{% endfor %}

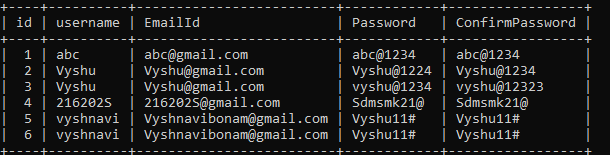
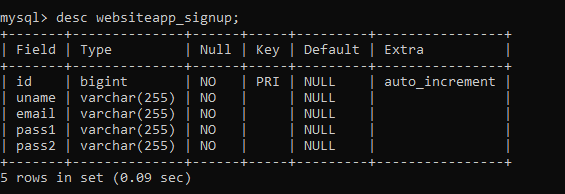
</table>

</body>

</html>

#### Models.py

class signup(models.Model): uname=models.CharField(max\_length=255) email=models.CharField(max\_length=255) pass1=models.CharField(max\_length=255) pass2=models.CharField(max\_length=255)



#### News Tables:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<h1>show datatable</h1>

<table border="2">

{% for tabledata in data %}

<tr>

<td>{{tabledata.id}}</td>

<td>{{tabledata.category}}</td>

<!--<td>{{tabledata.sub\_category}}</td>-->

<td>{{tabledata.headings}}</td>

<td>{{tabledata.image}}</td>

<td>{{tabledata.content}}</td>

</tr>

**{% endfor %}**

**</table>**

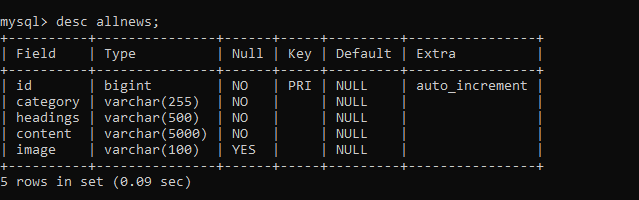
**</body>**

**</html>**

#### Models.py

class UploadImage(models.Model): image=models.ImageField(upload\_to='images/',null=True,blank=True) category=models.CharField(max\_length=255,default='dummy')

headings=models.CharField(max\_length=500,default='dummy') content=models.CharField(max\_length=30000,default='dummy')



#### FRONT END CODE HOMEPAGE HTML CODE:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>news project</title>

<script src=["https://](https://cdn.jsdelivr.net/npm/bootstrap%405.0.2/dist/js/bootstrap.bundle.min.js)c[dn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"](https://cdn.jsdelivr.net/npm/bootstrap%405.0.2/dist/js/bootstrap.bundle.min.js)

integrity="sha384- MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"

crossorigin="anonymous"></script>

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.1/css/all.css" integrity="sha384-

fnmOCqbTlWIlj8LyTjo7mOUStjsKC4pOpQbqyi7RrhN7udi9RwhKkMHpvLbHG9Sr" crossorigin="anonymous">

<link rel='stylesheet' href='https://cdnjs.cloudflare.com/ajax/libs/twitter- bootstrap/4.1.2/css/bootstrap.min.css'>

{% load static %}

<!--<link rel="stylesheet" href="{% static 'css/style.css'%}">

<link rel="stylesheet" href="{% static 'css/Educational.css'%}">

<script src="{% static 'javascript/src.js'%}"></script>-->

<style> body{

position:relative; padding: 0;

margin: 0;

}

.button .fa-search{ outline:none; border: none; cursor: pointer;

}

.searchbox #searchResults{ width:240px;

overflow-y:scroll; max-height: 200px; position:absolute; background-color:#fff; z-index: 1000;

margin-left:150px;

font-family:Arial, Helvetica, sans-serif; font-style: normal;

color: black;

}

nav{

background-color: black; z-index: 500 ;

margin-bottom: 20px; overflow-x: scroll;

}

.navbar-nav li{ list-style: none;

display: inline-block; margin-left: 40px; padding: 5px 10px; position:relative;

}

</style>

</head>

<body>

<header>

<div class="website-header">

<img src="{% static 'images/logo.PNG'%}">

<h1>NEWS</h1>

<div class="MenuItems">

<ul>

<li><a href='../aboutus'>AboutUs</a></li>

<li><a href='../login'>Login</a></li>

<li><a href='../saveSignup'>SignUp</a></li>

</ul>

</div>

<div class="searchbox">

<div class="search">

<input type="text" id="searchInput" oninput="showResults()" placeholder="search here">

<button type="submit" class="go-icon"><i class="fas fa-search"></i></button>

<li id="searchResults"></li>

</div>

</div>

<nav class="navbar navbar-expand-md ">

<button class="navbar-toggler" type="button" data-toggle="collapse" data- target="#collapsibleNavbar">

<span class="navbar-toggler-icon"></span>

</button>

<li class="nav-item">

<a class="nav-link" href="../politicalnews">POLITICal</a>

</li>

<li class="nav-item">

<a class="nav-link" href="../EducationalNews">EDUCATIONAL</a>

</li>

<a class="nav-link" href="../Business">BUSINESS</a>

</li>

<a class="nav-link" href="../crimenews">CRIME</a>

</li>

<a class="nav-link" href="../sportsnews">SPORTs</a>

</li>

<a class="nav-link" href="../sciencenews">SCIENCE</a>

</li>

<a class="nav-link" href="../entertainmentnews">Entertainment</a>

</li>

<a class="nav-link" href="../lifestylenews">LIFESTYLE</a>

</li>

</ul>

</header>

<main>

<h1>News</h1>

<div class="carousel mannualSlide" data-bs-ride="carousel" data-bs-touch="true">

<div class="carousel-item active" style="height:400px;" data-bs-interval="1000">

<img class="img-fluid h-100 w-100" src="{% static 'images/car.PNG'%}">

</div>

<div class="carousel-item " style="height:400px;" data-bs-interval="9000">

<img class="img-fluid h-100 w-100" src="{% static 'images/car9.PNG'%}">

</div>

</div>

</div>

</div>

<script>

const searchData ={

"education": "../EducationalNews", "medical": "../MedicalNews", "Engineering": "../EngineeringNews", "govtexam": "../GovtexamNews", "stockmarkets": "../Business", "economy": "../EconomyNews", "indian business": "../IndianNews",

"international businesss": "../InternationalNews", "crime":"../crimenews", "kidnapping":"../KidnappingNews" , "robbery":"../RobberyNews",

"drug crime":"../DurgcrimeNews", "cybercrime":"../CybercrimeNews",

"political":"../politicalcrimenews", "assult":"../AssaultNews", "movies":"../entertainmentnews", "industry":"../IndustryNews", "cultural":"../CulturalNews", "state politiacal":"../StateNews",

"country politiacal":"../CountryNews",

"wild life":"../WildlifeNews" "genetics":"../GenteicsNews",

"science":"../sciencenews", "physics":"../PhysicsNews", "kabaddi":"../kabbadi", "cricket":"../CricketNews", "hockey":"../HockeyNews", "volleyball":"../VolleyballNews", "football":"../FootballNews",

};

function showResults() {

const searchInput = document.getElementById("searchInput").value.toLowerCase(); const searchResults = document.getElementById("searchResults"); searchResults.innerHTML = ""; // Clear previous results

for (const word in searchData) {

if (word.toLowerCase().includes(searchInput)) { const listItem = document.createElement("li"); const link = document.createElement("a"); link.href = searchData[word];

link.textContent = word; listItem.appendChild(link);

searchResults.appendChild(listItem);

}

}

if (searchResults.childElementCount === 0) {

const noResultsItem = document.createElement("li");

}

}

</script>

</body>

</html>

#### Forms.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial- scale=1.0">

</head>

<body>

<form action="" enctype="multipart/form method="POST">

{% csrf\_token %}

category:<select name="category">

<option value="Business">Businessnews</option>

<option

value="InternationalNews">InternationalNews<

/option>

<option value="IndianNews">IndianNews</option>

<option value="StockMarketNews">StockMarketNews

</option>

<option value="EconomyNews">EconomyNews</optio

<option value="Crimenews">Crimenews</option>

<option value="kidnappingNews">kidnappingNews</op tion>

<option value="RobberyNews">RobberyNews</option>

<option value="CybercrimeNews">CybercrimeNews</o ption>

<option value="MudercrimeNews">MudercrimeNews</ option>

<option value="DurgcrimeNews">DurgcrimeNews</opt ion>

<option value="MoviesNews">MoviesNews</option>

<option value="IndustryNews">IndustryNews</option>

value="EducationalNews">EducationalNews</o ption

<option value="EngineeringNews">EngineeringNews</ option>

<option value="................"> </option>

<option value="lifestylenews">lifestylenews</option>

<option value="FoodNews">FoodNews</option>

<option value="CulturalNews">CulturalNews</option>

<option value="Healthnews">Healthnews</option> value="politicalnews">politicalnews</option>

<option value="politicalcrimenews">politicalcrimenews

</option>

<option value="StateNews">StateNews</option>

<option value="CountryNews">CountryNews</option> value="sciencenews">sciencenews</option>

<option value="OuterspaceNews">OuterspaceNews</op tion> value="Naturalcalamities">Naturalcalamities</o ption>

<option

value="sportsnews">sportsnews</option>

<option value="CricketNews">CricketNews</option> value="HockeyNews">HockeyNews</option>

<option value="kabbadi">kabbadi</option> headings:<input type="text" name

="headings"><br><br>

content:<input type="text" name="content"><br><br> image:<input type="file" name="image" required><br><br>

<button type="submit">Submit</button>

</form>

</body>

</html>

#### SIGNUP FORM CODE:

<!DOCTYPE html>

<html lang="en">

<head>

<style media="screen"> body{

background-color: #fcfcfc;

}

form{

height: 600px; width: 450px;

background-color: rgba(255,255,255,0.13); position: absolute;

transform: translate(-50%,-50%);

top: 50%;

left: 50%;

border-radius: 10px; backdrop-filter: blur(10px);

border: 2px solid rgba(24, 4, 4, 0.857);

box-shadow: 0 0 40px rgba(85, 69, 202, 0.953); padding: 50px 35px;

}

button{

margin-top: 14px; width: 100%;

background-color: #151cf2; color: #080710;

padding: 15px 0; font-size: 18px; font-weight: 600; border-radius: 5px; cursor: pointer;

}

/\*.social{

margin-top: 30px; display: flex;

}

.social div:hover{

background-color: rgba(255,255,255,0.47);

}

</style>

</head>

<body>

</div>

<form action="{% url 'saveSignup'%}" method="post">

{% csrf\_token %}

<h3>Signup Here</h3>

<label for="email">Email</label>

<input type="email" placeholder="Email or Phone" name="email" id="email">

<label for="password1">Password</label>

<input type="password" placeholder="Password" id="password1" name="password1">

<label for="password2">Confrom Password</label>

<input type="password" placeholder="Confrom Password" id="password2" name="password2">

<br>

<button type="submit">Signup</button>

<br><br>

<a href="{% url 'login' %}" >i have already account</a>

</form>

</body>

</html>

#### LOGIN FORM CODE:

<!DOCTYPE html>

<html lang="en">

<head>

</style>

</head>

<body>

<form action="{% url 'saveLogin'%}" method="post">

<h3>Login Here</h3>

{% csrf\_token %}

<label for="username">Username</label>

<input type="text" placeholder="Enter Username" id="username" name="username">

<label for="password">Password</label>

<input type="password" placeholder="Password" id="password" name="pass">

<button type="submit">Log In</button>

<a href="{% url 'signup' %}" >Create a account</a>

</form>

</body>

</html>

# CHAPTER 6 SCREEN SHOTS

#### SCREEN SHOTS:

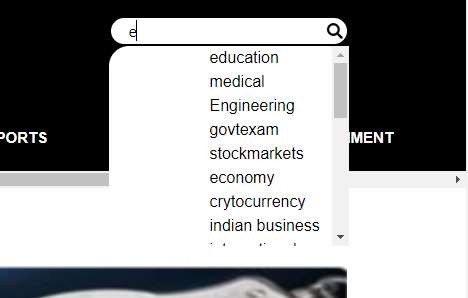
**After Login Page will showed as Front page:**

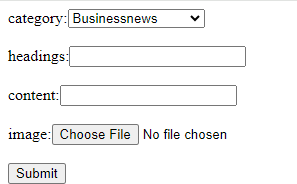


**It is the Navbar modules and categories of news**

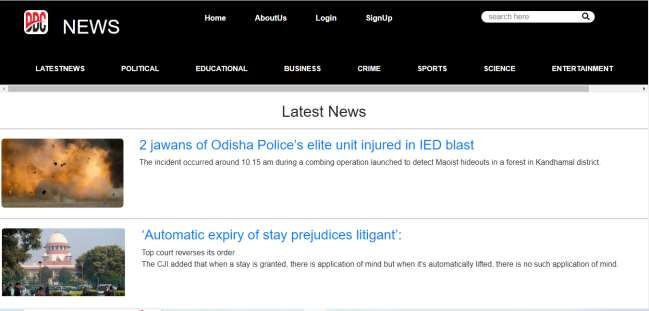


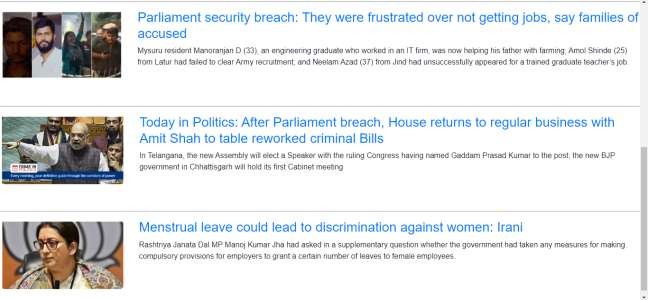
**Search bar:**



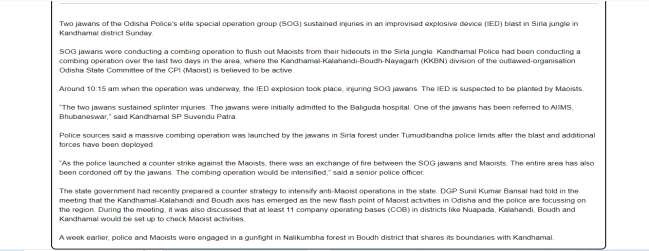
**Data inserted into the HTML Pages to the Databases:**

**Latest News:**





**Latest News data:**



**Category of News:**



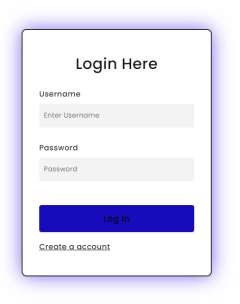


**SubCategory of News:**



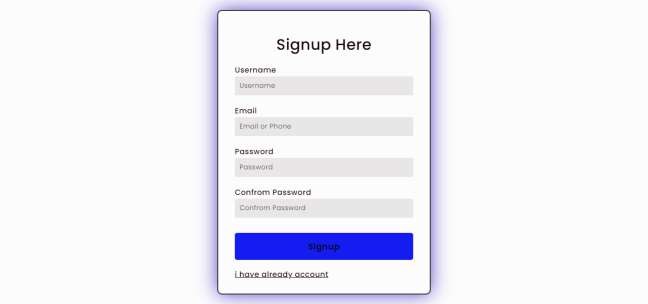
#### LOGIN PAGE :

Admin can reset the password by clicking on Forgot Password, if the account is not created by clicking create an account admin have to create the admin account.



#### SIGNIN PAGE :

Admin have to create the account by accessing the passcode.



CHAPTER 7 CONCLUSION

#### Conclusions:

In Our project , an attempts has been made to develop a News or information based

website .We develop this project that helps the people and make them aware so that they can know any News. To establish this website we use various methodologies.To develop this project we have Faced many problems but we hardly tried to develop this project.

Our advisor helps by giving his valuable opinion decision and time.

#### Recommendation:

According to scope of our project the team develops web based application. Because of the time

Constraint we may have limitation which should be consideration in, but in the feature the team believes that this system should be fully operationally by adding some functionally that are not

Included in the proposed system.