



Rajiv Gandhi University of Knowledge Technologies

(Catering the Educational Needs of Gifted Rural Youth of A.P)

R.K Valley, Y.S.R Kadapa (Dist)-516330

SM - NEWS

(Onlinefreenews website)

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Submitted by

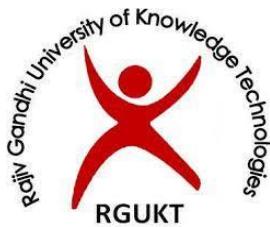
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RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES



CERTIFICATE FOR PROJECT EVALUATION

This is to certify that the project entitled "**ONLINE NEWS WEBSITE**" submitted by **K.MAHENDRA REDDY(R171122),C.SAI LAHARI(R170208) & T.SUPRIYA(R170363)**, under our guidance and supervision for partial fulfilment for the degree Bachelor of Technology in Computer science and Engineering-3 during the academic semester-2 2021-2022 at RGUKT,RK-VALLEY. To the best of my knowledge, the results embodied in this dissertation work have not been submitted to any University or Institute for the award of any degree or diploma.

Project Internal Guide

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ACKNOWLEDMENT

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of the people who made it possible and whose constant guidance and encouragement crown all the efforts success.

I am extremely grateful to our respected Director, Prof. K. SANDHYA RANI for fostering an excellent academic climate in our institution.

I also express my sincere gratitude to our respected Head of the Department MR.P.HARINADHA for his encouragement, overall guidance in viewing this project good asset and effort in bringing out this project.

I would like to convey thanks to our guide at college SHAIK.SHALIMA SULTANA for her guidance, encouragement, co-operation and kindness during the entire duration of the course and academics.

My sincere thanks to all the members who helped me directly and indirectly in the completion of project work. I express my profound gratitude to all our friends and family members for their encouragement.

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ABSTRACT

SM News is a website which shows categories of Newspapers like The Hindu,Eenadu,Sakdhi,Times of India etc. in one website.Anyone who visits website can create or login to website and view newspapers past and present and download them and read them.

It's main Aim is to reduce the copyrights of newspapers being provided in the Telegram and Whatsapp groups by taking prior permission from the respective organizations.

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1.INTRODUCTION

Online free news is a website to read, download different types of newspapers like The Hindu, Eenadu, Times of India etc by the users.

1.1 Purpose

The purpose of the project is to collect the news papers with permission from organizations and make them as pdfs from different profitable organizations and made them available to users for reading purposes.

1.2 Document Conventions

FONT	STYLE	SIZE
Heading 1 (Cambria)	Heading (Bold)	Heading (14)
Subheading (Cambria) Heading 2(Windows)	Subheading (Bold)	Subheading (13)
Others (Calibri) Body	Others (Normal)	Others (11)

1.3 Scope

The Online free news contains the major scope of

- 1) Users can browse read and download different newspapers in staying at any place with internet
- 2) Users need to enter his/her credential details in order to login to website

1.4 Definition, Acronyms, Abbreviations

HTML : Hyper text markup language

CSS : Cascading style sheet

DFD : Data Flow Diagram

CFD : Context Flow Diagram

ER : Entity Relationship

SRS : Software Requirement Specification

1.4.1 Intended Audience and Reading Suggestions

The newspapers are useful to students, faculty, business, politicians, UPSC civil services aspirants

The main objective of this website is to provide different types of newspapers to the public who are curious and interested to explore the knowledge. They can download the newspapers or print as their interests legally.

1.5 References

The needed requirements of this website has been taken from online e-papers. The links are provided below.

<https://www.eenadu.com>

<https://www.hindu.com>

2. OVERALL DESCRIPTION

2.1 Product Perspective

Online news website is being developed to deliver free news to the users according to their interests.

2.2 Product Functions

- Shows different types of newspapers
- Can read categories of different news
- Print news paper

2.3 Operating Environment

- All Operating Systems
- All browsers

2.4 Assumptions & Dependencies

One assumption is that the application is used on a computer or a mobile phone with enough performance ability, and the use of an up-to-date internet browser.

2.5 Software Requirements

Scripting Languages

- HTML
- CSS

Javascript, PHP

2.6 Hardware Requirements

A computer system/ laptop with basic configuration.

3 SOFTWARE REQUIREMENT SPECIFICATION

Software Requirement Specification is a description of full software system requirements. Software Requirement Specification describes the behaviour of software from user's point of view. The specified requirements are shown in following table based on module. The functional requirements and non-functional requirements are following:

CSS

- CSS stands 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 webpages all at once.
- External style sheets are stored in CSS files.

JAVA SCRIPT

- JavaScript is the programming language for the web.
- JavaScript can update and change both HTML and CSS.
- JavaScript can calculate, manipulate, and validate data.
- It can contain variables be:
 - numbers
 - strings, objects
 - arrays, functions.

PHP

PHP stands for PHP: Hypertext Preprocessor.

- PHP is a server-side scripting language, like ASP.
- PHP scripts are executed on the server.
- PHP supports many databases (MySQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).
- PHP is an open source software.
- PHP is free to download and use.

3.1 Functional Requirements

- a)Read Newspaper :** User can read the newspapers based on the category they select and able to get the news.
- b)Print newspaper :** User can able to print or download the newspaper available for offline study
- C)Navigation buttons :** By clicking home you can go to home and by clicking back button you can go to categories of newspapers

3.2 Non-Functional Requirements

a) Availability:

The website is available for 24 hours a day. It is always available for user to contact via email or phonenumber.

b) Usability:

It has good graphical user interface. It is user friendly. So user feel easy to use.

c) Efficiency:

It is efficient for all user. Because it is easy to use and easy to understand. It has simple way of work that user want to do.

3.3 Methodology

This project will follow Incremental Model. This model is split into several iterations. New software modules are added in each iteration with no or little change in earlier added modules. The development process can go either sequentially or parallel.

3.4 Software Requirement Analysis

Software requirement analysis is important part of our project. If requirement of project is clear then a project can be done easily. Our objectives for software requirement are:

3.4.1 Objective/Goals

- User can report any complaint through email or phone number.
- Admin can know everything.

Design Introduction:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization. Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

DFD diagrams:

DFD Level 0 is also called a **Context Diagram**. It's a basic overview of the whole system or process being analyzed or modeled. It's designed to be an at-a-glance view, showing the system as a single high-level process, with its relationship to external entities.

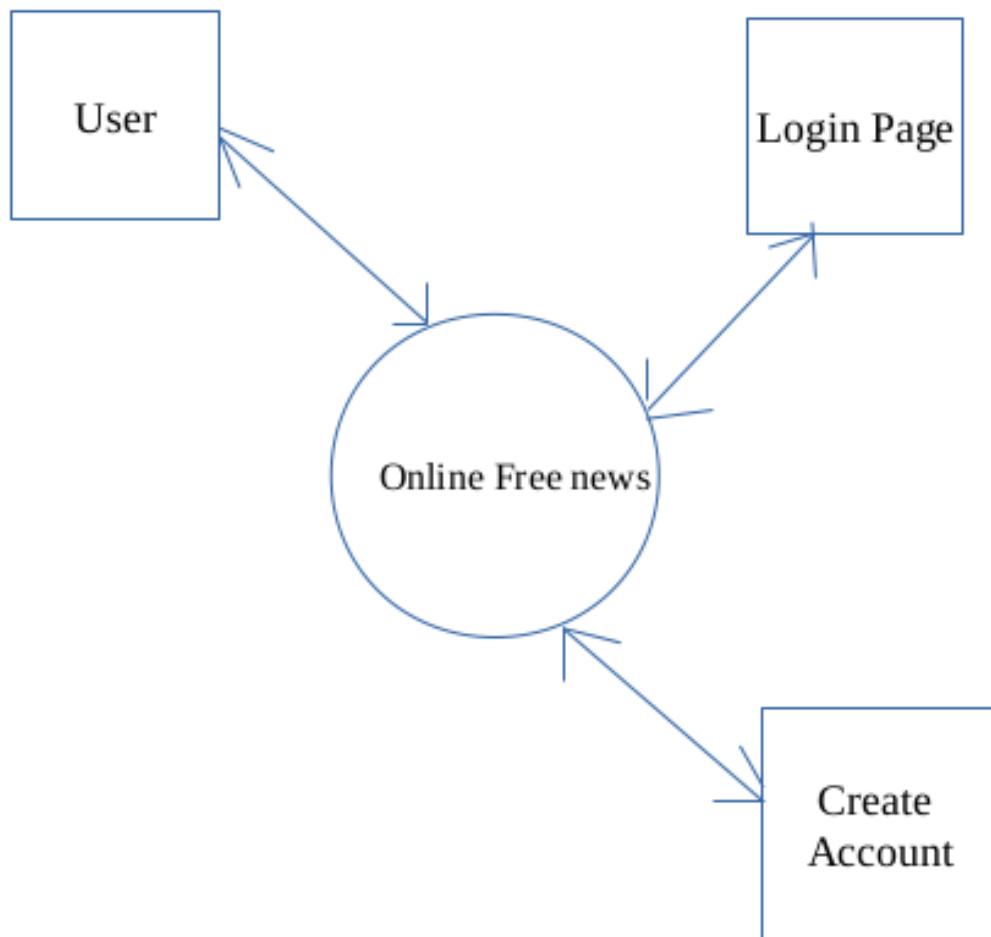
1-level DFD:

In 1-level DFD, **the context diagram is decomposed into multiple bubbles/processes**. In this level, we highlight the main functions of the system and breakdown the high-level process of 0-level DFD into subprocesses.

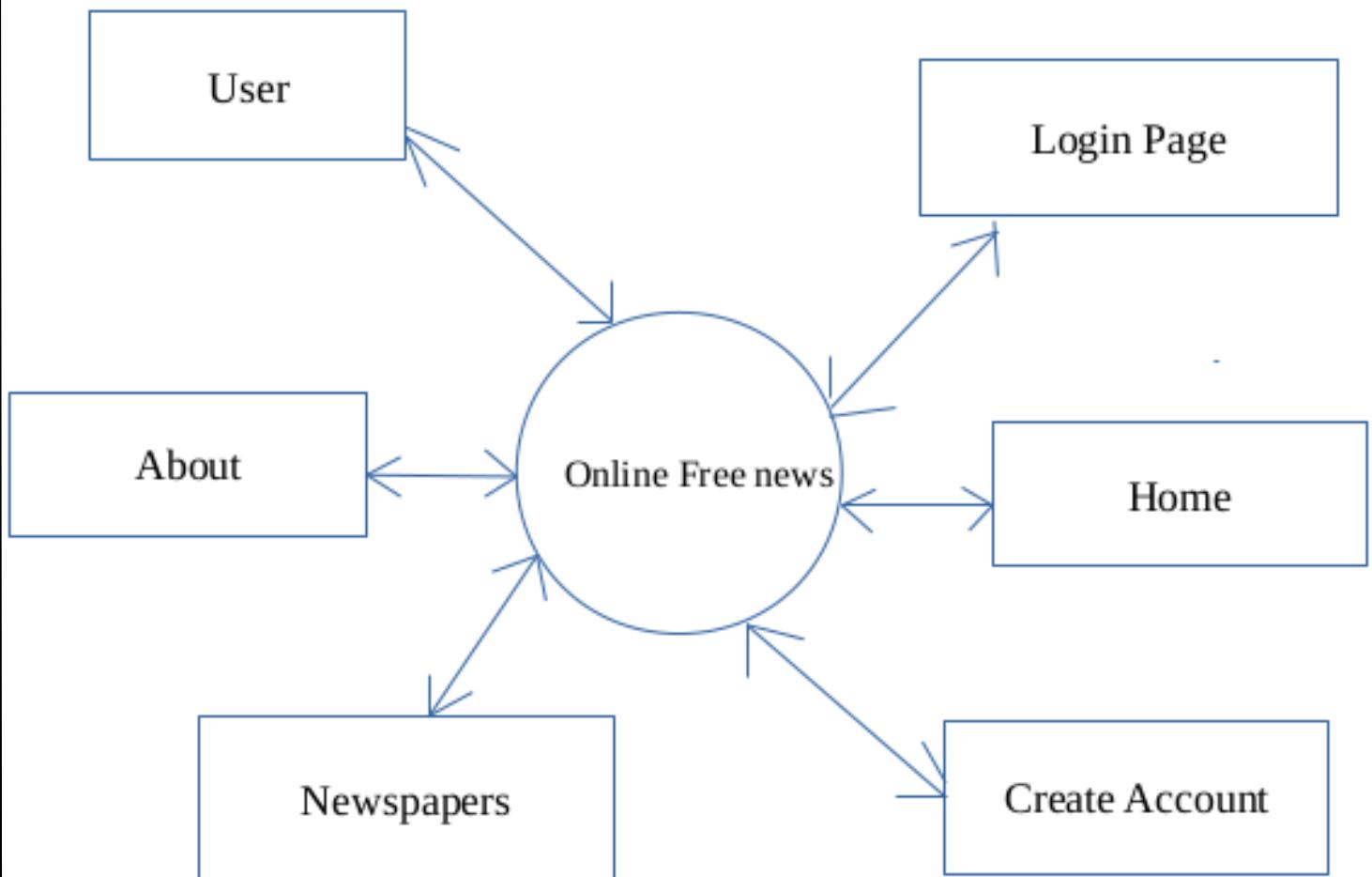
4 SYSTEM DESIGN

4.1 DFD Diagram

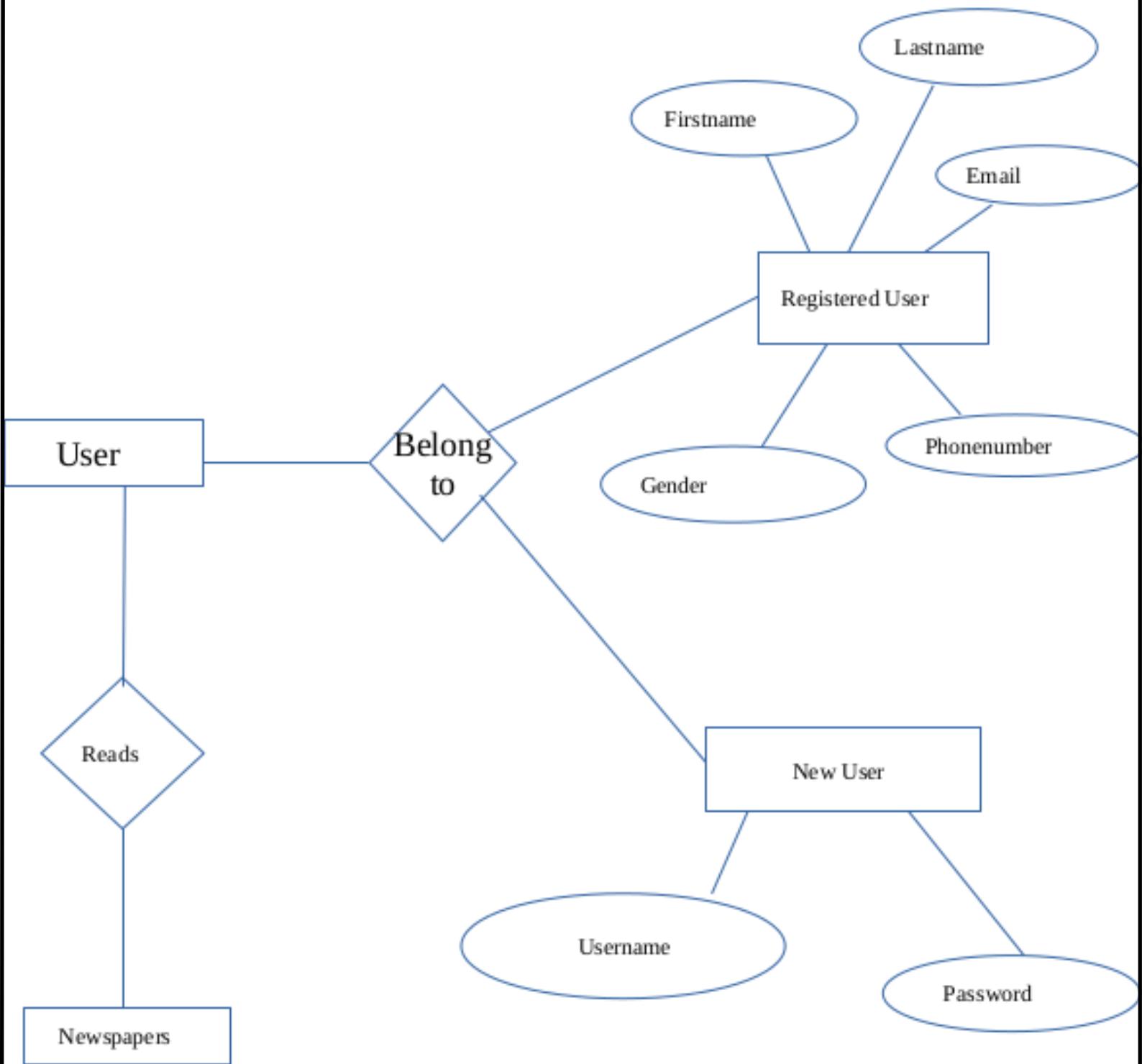
Zero level DFD



First level DFD

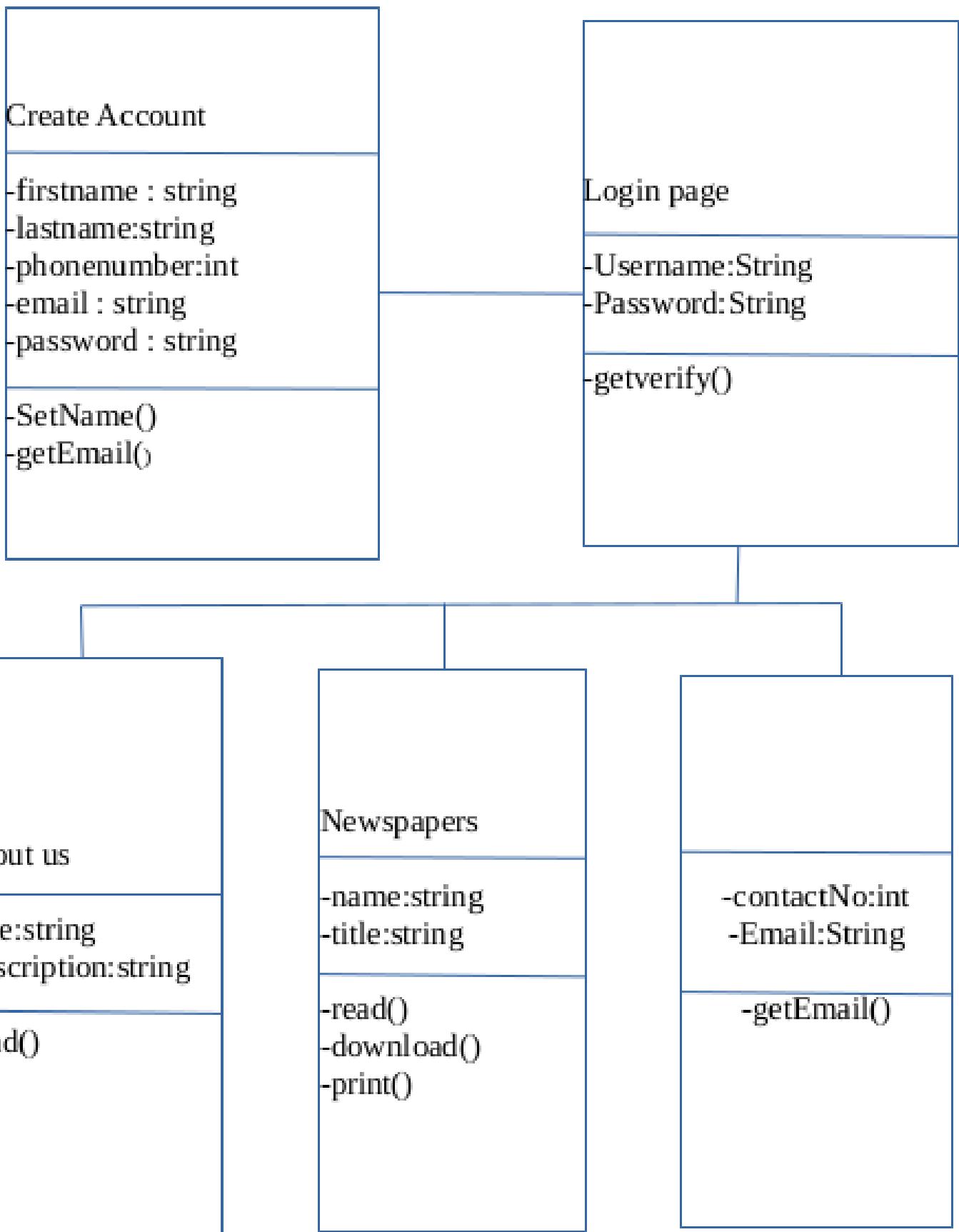


4.2 ER Diagram

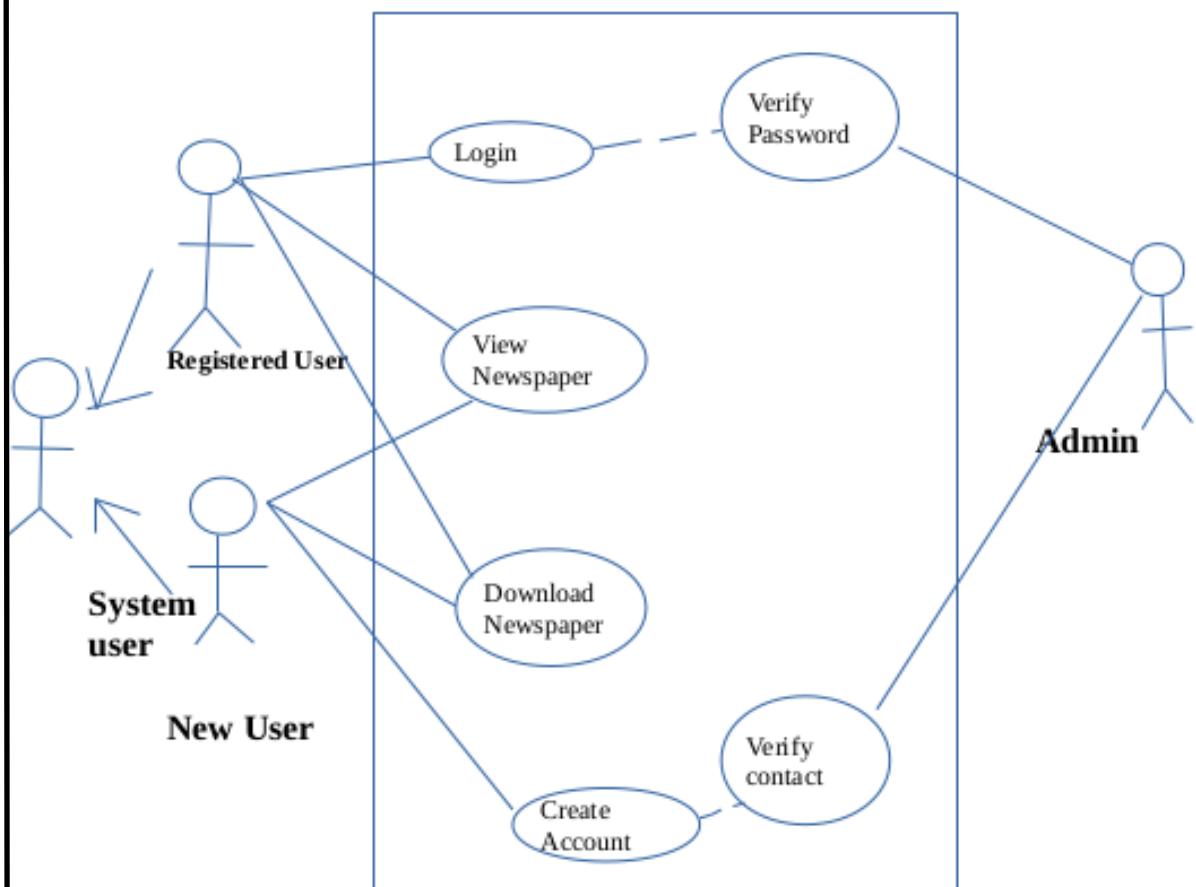


4.3 UML Diagrams

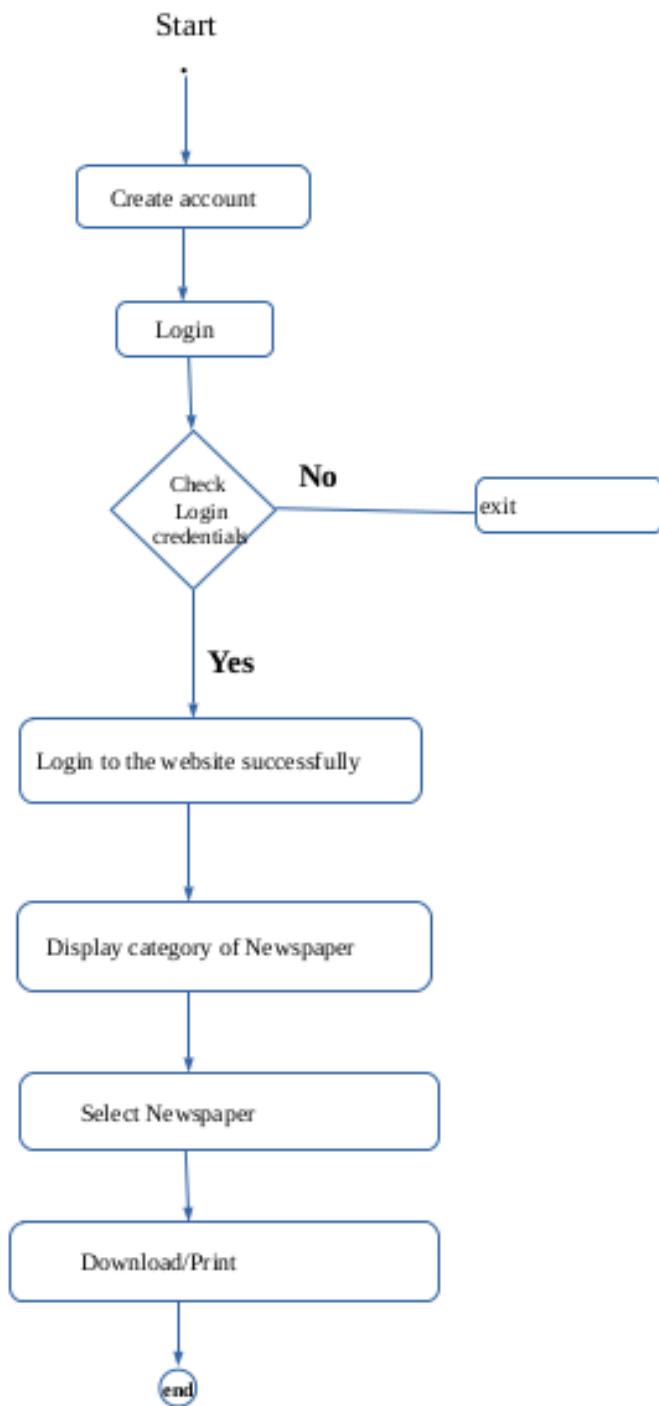
4.3.1 Class Diagram



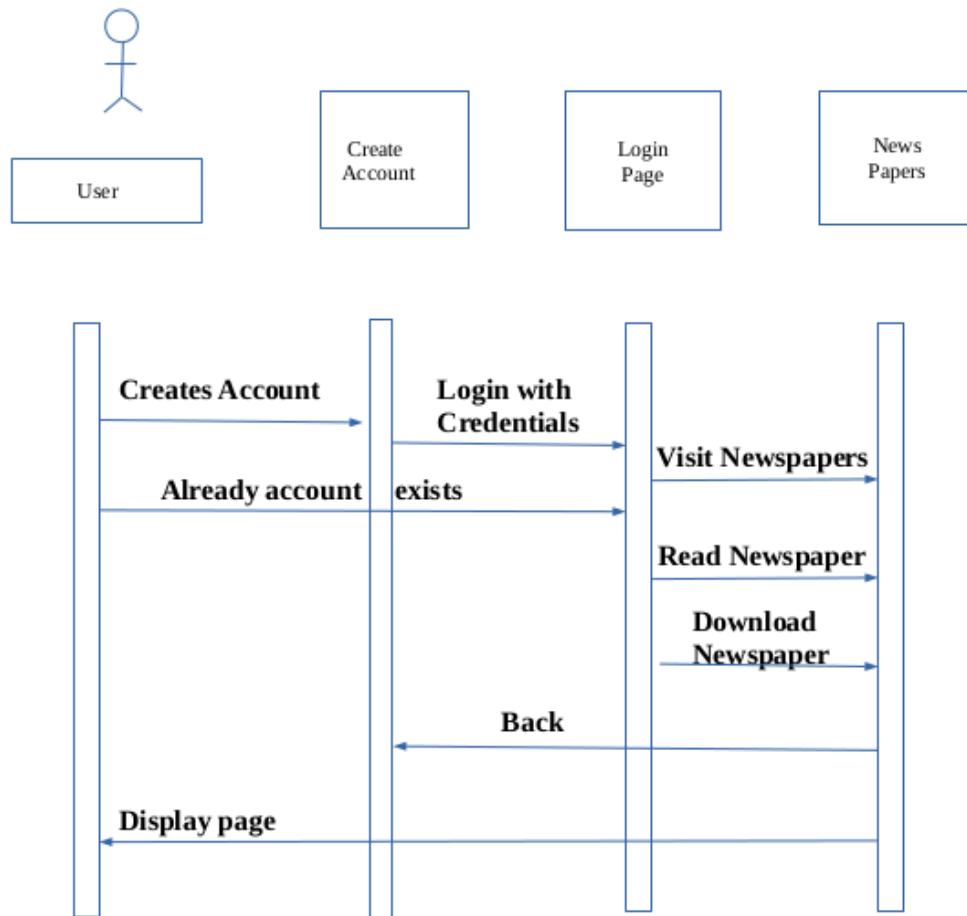
4.3.2 Usecase Diagram



4.3.3 Activity Diagram



4.3.4 Sequence Diagram



Implementation and System Testing

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

System Testing

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing

1. Unit testing
- 2 .Integration testing

Unit Testing

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require The procedures belonging to other units that the unit under test calls Non local data structures that module accesses .A procedure to call the functions of the unit under test with appropriate parameters

1. Test for the admin module

Testing admin login form-This form is used for log in of administrator of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details.

Report Generation: admin can generate report from the main database.

Integration Testing

In the Integration testing we test various combination of the project module by providing the input.

The primary objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes the other module.

Code:

create account:

```
<html>
<head>
    <script>
        function validate()
        {
            var First_Name =
document.getElementById('First_Name').value;
            var Last_Name =
document.getElementById('Last_Name').value;
            var Email =
document.getElementById('Email').value;
            var Phonenumber =
document.getElementById('Phonenumber').value;
            var Gender =
document.getElementById('Gender').value;
            var Password =
document.getElementById('Password').value;

            if(First_Name=="")
            {
                document.getElementById('sFirst_Name').innerHTML="**"
                FirstName can't be empty**";
                return false;
            }
            if(Last_Name=="")
```

```
.  
  
document.getElementById('sLast_Name').innerHTML="**  
LastName can't be empty**";  
        return false;  
    }  
    if(Email=="")  
    {  
  
document.getElementById('sEmail').innerHTML="**Email  
can't be empty**";  
        return false;  
    }  
    if(Phonenumber=="")  
    {  
  
document.getElementById('sPhonenumber').innerHTML=""  
**Phonenumber can't be empty**";  
        return false;  
    }  
    if(Gender=="")  
    {  
  
document.getElementById('sGender').innerHTML="**Sele  
ct Gender**";  
        return false;  
    }
```

```

        if(Password=="")
        {

document.getElementById('sPassword').innerHTML="**C
hoose Password**";
                return false;
            }
            if(First_Name.length<3)
            {
document.getElementById('sFirst_Name').innerHTML="**"
FirstName should be more than 2 letters**";
                return false;
            }
            if(First_Name.search(/[0-
9]/)!=-1)
            {
document.getElementById('sFirst_Name').innerHTML="**"
First_Name should not contain digits**";
                return false;
            }
            if(First_Name.search(/\`!
@#$%^&*()_+\\-=\\]{ }:\\\"\\|,.<>\\?~]/)!=-1)
            {

```

```
document.getElementById('sFirst_Name').innerHTML="**  
First_Name should not contain any special character**";  
        return false;
```

```
    }  
    if(!isNaN(First_Name))  
    {
```

```
document.getElementById('sFirst_Name').innerHTML="**  
FirstName cannot be numbers**";
```

```
        return false;
```

```
    }  
    if(Last_Name.length<3)  
    {
```

```
document.getElementById('sLast_Name').innerHTML="**  
LastName should be more than 2 letters**";
```

```
        return false;
```

```
    }  
    if(Last_Name.search(/[0-  
9]/)!=-1)
```

```
{
```

```
document.getElementById('sLast_Name').innerHTML="**  
Last_Name should not contain digits**";
```

```
        return false;
```

```
    }  
    if(Last_Name.search(/\`!  
@#$%^&*()_-+=\[\]{},:'\"\\|,.<>\/?~]/)!=-1)
```

Output

Create Account

User Login

First Name
Firstname

Last Name
Lastname

E-mail
Email

Phone-number
+91 ▾ Only digits

Profile photo No file selected.

Gender Female Male Other

Password
Password

User Login Form

Username
Email

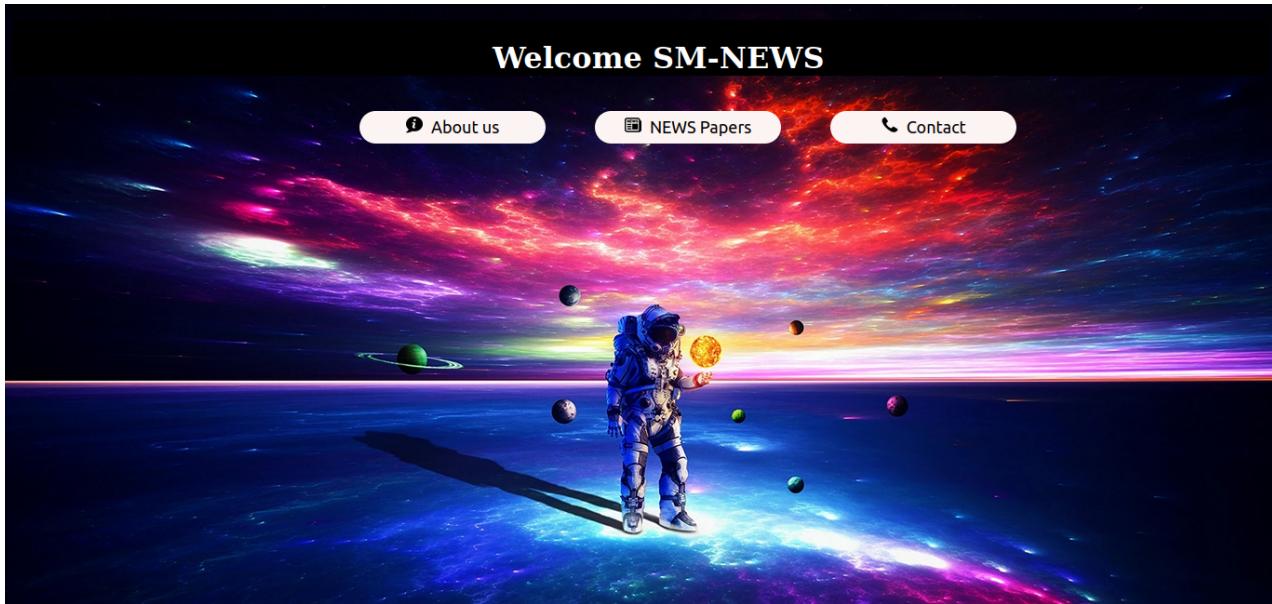
Password
Password

User Login Form

Username

Password

Username or password is incorrect



About

About our website

"Our website is a non profit organizational news website. So it's aim is to provide free news by gathering from various sources and uploads everyday in pdf format with options to read and download after being editing in Libre office writer. One can find news in categories Business, Entertainment, Sports, Health, Sports and Techonology"

Also read



News is important for a number of reasons within a society. Mainly to inform the public about events that are around them and may affect them. Often news is for entertainment purposes too; to provide a distraction of information about other places people are unable to get to or have little influence over. News can make people feel connected too. News is important as a social gathering space too, hence newspapers either online or physical place an emphasis on news. Where there are a lot of people gathered there is opportunity to advertise. This advertising sometimes can cause a conflict of interest in the way news is reported.

Importance of local news

News from a local area is often important to advise people in a locality about activities that may have an impact on a community. This can allow a community to engage in decision making processes in a community. For example if a local community reports on a dangerous road or accident hotspot reporting these can be later used as evidence to lobby for funding to fix a problem.

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THURSDAY, MARCH 10, 2022

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THE HINDU

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India, China set for military-level talks on LAC disengagement page 8

Atmosphere of distrust in U.P. as parties await election verdict page 9

'Endurance' ship found beneath Antarctic ice, 100 years on page 11

India takes on New Zealand in Women's World Cup today page 13

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NEARBY

State reports 70 COVID cases in 24 hours

The State reported zero deaths and 70 COVID-19 cases in the 24 hours ending Wednesday morning. The daily new cases were 10 less than the 80 reported in the past six days and no death was reported during the past eight days.

ANDHRA PRADESH ▶ PAGE 4

Overthrowing Ukraine govt. is not our goal, says Russia

Will prefer to achieve Kyiv's neutral status through talks: Foreign Ministry

REUTERS
AGENCE FRANCE-PRESSE
WIREIMAGE

Russia will achieve its goal of ensuring Ukraine's neutral status and will prefer to do that through talks, Foreign Ministry spokeswoman Maria Zakharova said on Wednesday.

MAKE STUDENTS LEARN ONE LANGUAGE ▶ PAGE 1

SC grants Rajiv case convict bail despite Centre's objection

Court takes note of Perarivalan's 32 years in jail

KRISHNARAJA RAJAGOPAL
NEW DELHI

The Supreme Court on Wednesday released Rajiv Gandhi assassination case convict A.G. Perarivalan on bail, taking into account the fact he has suffered over 30 years of imprisonment, in spite of

report to the local police station. Though the Centre, represented by Additional Solicitor-General K.M. Nataraj, urged the court to direct Perarivalan to report before the SC as soon as possible, the Bench decided to spare him the 100-km journey from his hometown of Jolarpettai to the CBI office in Chennai.

Perarivalan is now on parole, but was not allowed to step out of his house or meet



The screenshot shows the Sakshi Telugu news website. The header features a navigation bar with 'Back' and 'Home' buttons, a search bar, and a zoom control. Below the header is a banner for 'Sakshi News' with a photo of a man in a white shirt and a large blue 'Sakshi' logo. The main content area includes a large headline 'సుపరిపాలనలో' (Superipallone) with a photo of a man in a white shirt. There are several news articles with images and titles, such as 'గురువారం' (Monday), '10-3-2022', and 'కీటిను తేల్చుకి వార్షికందే' (Kiteenu Telukki Varshikam). The footer contains links to other news sites like ANI, NDTV, and Times of India.

References :

<https://thehindu.com/>
<https://eenadu.com/>
<https://w3schools.com/>
<https://sakshi.com/>
<https://andhrajyothi.com/>