

News Tracker Application

A NALAIYA THIRAN PROJECT REPORT

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ANNA UNIVERSITY: CHENNAI 600 025**BONAFIDE CERTIFICATE**

This is to certify that the project entitled NEWS TRACKING APPLICATION is the bonafide record of a nalaiya thiran work done by DIVYA.R(611819104012),JEEVITHA.N(611819104020),SARANYA.S(611819104038),TAMILARASI(611819104050) who carried out the research under my supervision.

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DIVYA.R

JEEVITHA.N

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ABSTRACT

It is very much important to keep ourselves updated with the latest and authentic news that happens in our day to day life. So, we are super excited to announce a one-stop shop, the 'News Tracker' to engage the user with the current affairs that happens in the world. This app keeps the latest global information at your fingertips and also updates daily with the latest news.

Here users are first allowed to sign in to the app with the required user name and password. Now, the system allows the user to see a variety of topics. The user can follow the topics and news sources they're most interested in. Here the user is also allowed to save the searches and stories. The app also contains extensive search options which includes sub categories, recommended sources and relevant articles all of which the user will get more relevant news. At top of the each article is a paragraph-long summary called Ground Summary. It gives you a slightly more than headline level of information. The user can also customize their articles recommended to them based on their reading habits, among other things.

The avalanche of news that breaks each and every day can be daunting, but with the right app at hand, it does not have to. So in this app the user can get the news they want and in the way they need and keep up to the world.

CHAPTER 1

INTRODUCTION

OBJECTIVE:

One major purpose of a newspaper is to provide information about current events, on issues of social, political, economic, cultural and technological importance through news, articles and advertisements. It is important to know the aims and objectives of starting a newspapers. The following purposes of a newspaper must be borne in mind while commencing a newspaper publication.

Another object of this news app is to interpret facts, i.e., into the right perspective of the facts. This news app also aims at protecting the rights of people and protecting their freedom. It guards the people's interest. This news app also aims at entertaining people through cartoons, puzzles, comedy and other feature pieces.

PURPOSE :

1. The purpose of the project is to develop an application which will display news articles and videos verified and approved at backend.
2. User can browse news articles and videos through various categories. App will enable user to view news details, images, and video.
3. Another important purpose of this news app is to help increase the educational level of the people. The horizons of knowledge increase through information regarding medicine, agriculture, history, economics, geography, politics and other dimensions.

CHAPTER 2

LITERATURE SURVEY

2.1 EXISTING PROBLEM

- There are multiple news-sharing apps used by a single user and are often spammed with notifications.
- There is also a lot of fake news which gets shared.
- A news-sharing app wants to help users find relevant and important news easily every day and also understand explicitly that the news is not fake but from proper sources.

2.2 REFERENCES

1. Of com, News consumption in the UK, Public report (2014).
2. Pew Research Centre, The Future of Mobile News, Public report (2012).
3. Reuters Institute, Tracking the future of news, Public Report (2014)
4. Billsus, D. & Pazzani, M. A hybrid user model for news story classification. Springer Vienna (1999), 99-108.

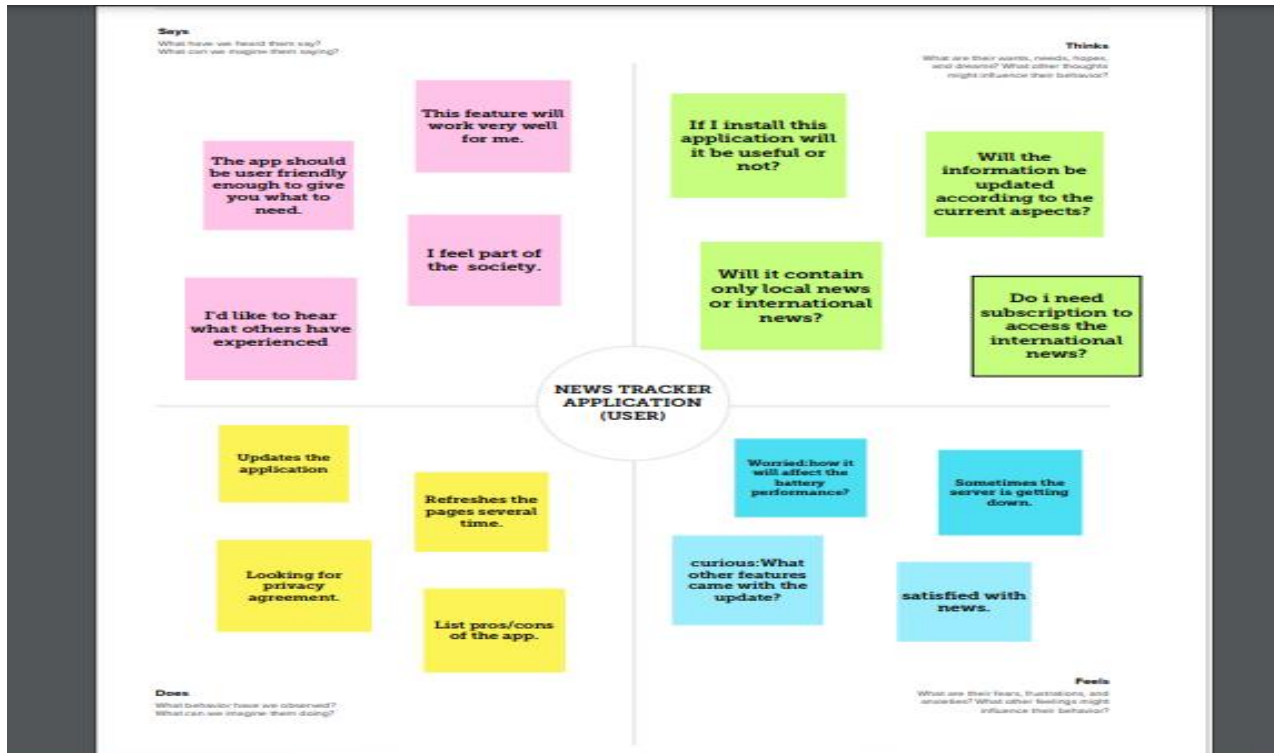
PROBLEM STATEMENT

The user is a busy business man who needs to read news on the go without any hassles while travelling because he considers carrying around a physical newspaper a nuisance to him and the people around him. User needs to read news in such a way that he doesn't have to worry about ever buying physical newspapers or carrying with him everywhere. Something which should fit in the palm of his hands, which he could carry everywhere, access from everywhere, something digital such as an Application hosted on the internet which could be accessed from any device that is connected to the Internet. Such as smartphones and computers.

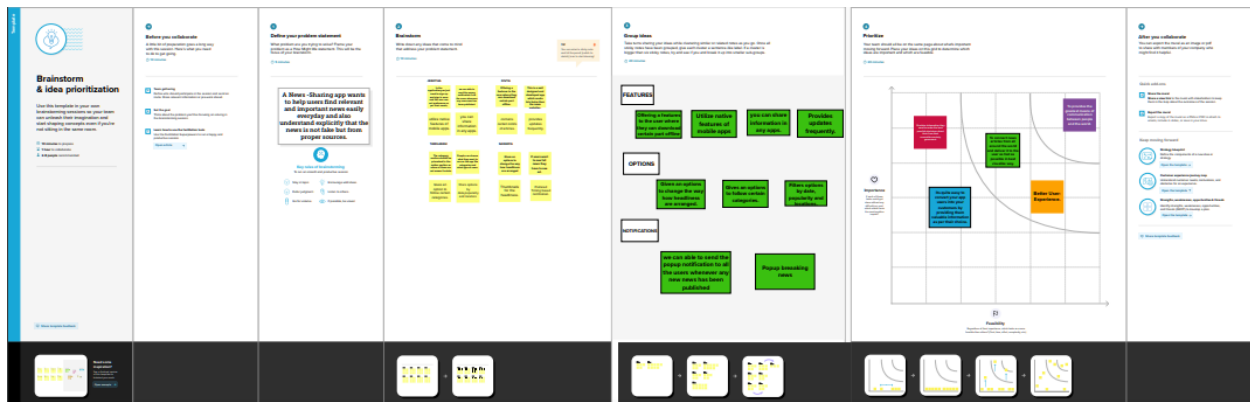
CHAPTER 3

IDEATION AND PROPOSED SOLUTION

EMPATHY MAP CANVAS



IDEATION AND BRAINSTORMING



PROPOSED SOLUTION

S.NO	PARAMETER	DESCRIPTION
1.	ProblemStatement (Problem to be solved)	As our lives are very busy nowadays, we often feel we need more than 24 hrs. A day to cope up with everything to be updated our self via news in our schedule. Well, that's not possible but reducing the time by using the conventional method of reading news can help at any time in any place to be updated.
2.	Idea / Solution description	Harnessing wide API to incorporate regular updating of news.Feasible UI to deploy the application in a simple solution.
3.	Novelty / Uniqueness	The user interacts with the application. • Registers by giving the details. • Integrate the application with news APIs and store the data in the database.
4.	Scalability of the Solution	Since the entire business runs in cloud, scalability won't be an issue vertically and horizontally there by reducing the overall operational expenditure.
5.	Social Impact / Customer Satisfaction	By substituting the cost of newspaper, we are providing free App with all information by installing Android Package Kit.

PROBLEM SOLUTION FIT

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS Working individuals and passionate NEWS readers	6. CUSTOMER CONSTRAINTS CC For ad free interface every news provider demand subscription from users	5. AVAILABLE SOLUTIONS AS Used Adblockers to avoid ad, but it's not secure for the user	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS J&P Clumsy UI, Not Personalized, Vague news	9. PROBLEM ROOT CAUSE RC Now a days news has become a money making tool for the news agency as they force customer to pay for subscription or use ad loaded free version	7. BEHAVIOUR BE Pay for subscription or adjust with the ads shown	
Focus on AS to fit into BE, understand RC	3. TRIGGERS TR Seeing others using NEWS app with ad free interface motivate users to download the same	10. YOUR SOLUTION SI Provide free access to ad-free UI to read news, by using free APIs available to Provide personalized news to the users	8.CHANNELS of BEHAVIOR CH ONLINE Uses memes and posts in social media to get updated about happenings OFFLINE Talk with peoples to know the current events and happenings	Identify strong TR & EM

CHAPTER 4

REQUIREMENT ANALYSIS

FUNCTIONAL REQUIREMENTS

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Installation	User can install the app from Google play store or from the website
FR-2	User Registration	Registration through Form Registration through Gmail
FR-3	User Confirmation	Confirmation via Email Confirmation via OTP
FR-4	User Login	User should login the app with the user's name and password

NON-FUNCTIONAL REQUIREMENTS

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Everyone can understand the process of using the app easily by the commands given in the app.
NFR-2	Security	It is a more secured app. No fake news can be shared.
NFR-3	Performance	Performance of the app is very great
NFR-4	Availability	More sub categories are available

CHAPTER 5

PROJECT DESIGN PHASE

DATA FLOW DIAGRAM

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

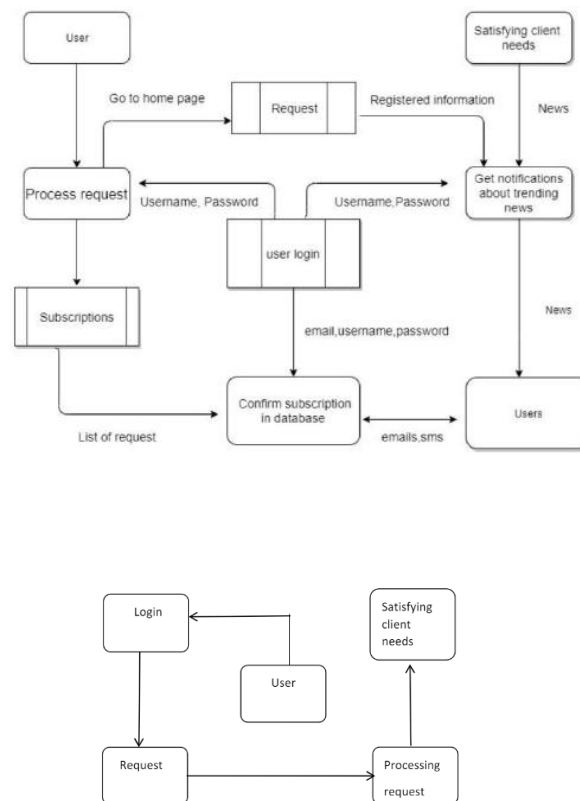
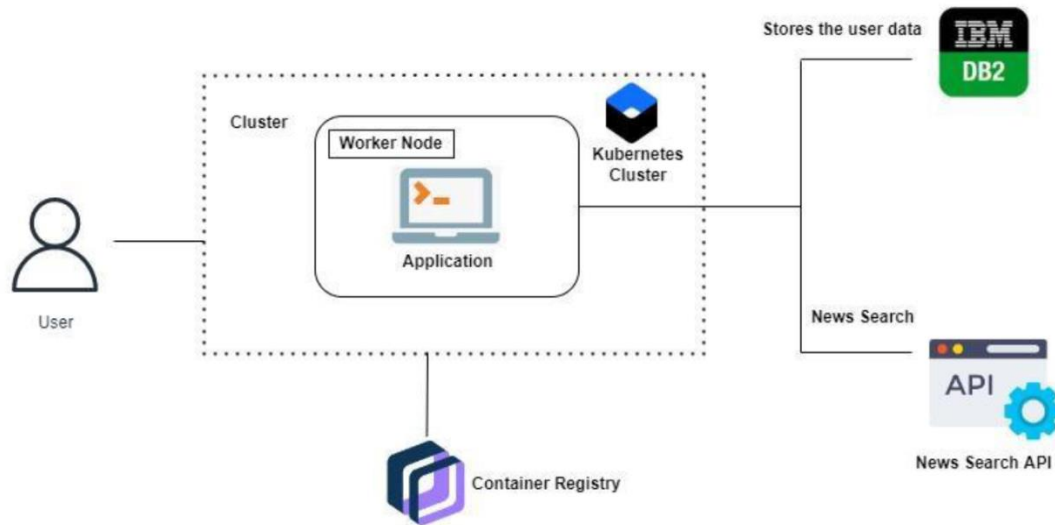


FIG 5.1 Data flow diagrams

TECHNICAL ARCHITECTURE



SOLUTION ARCHITECTURE

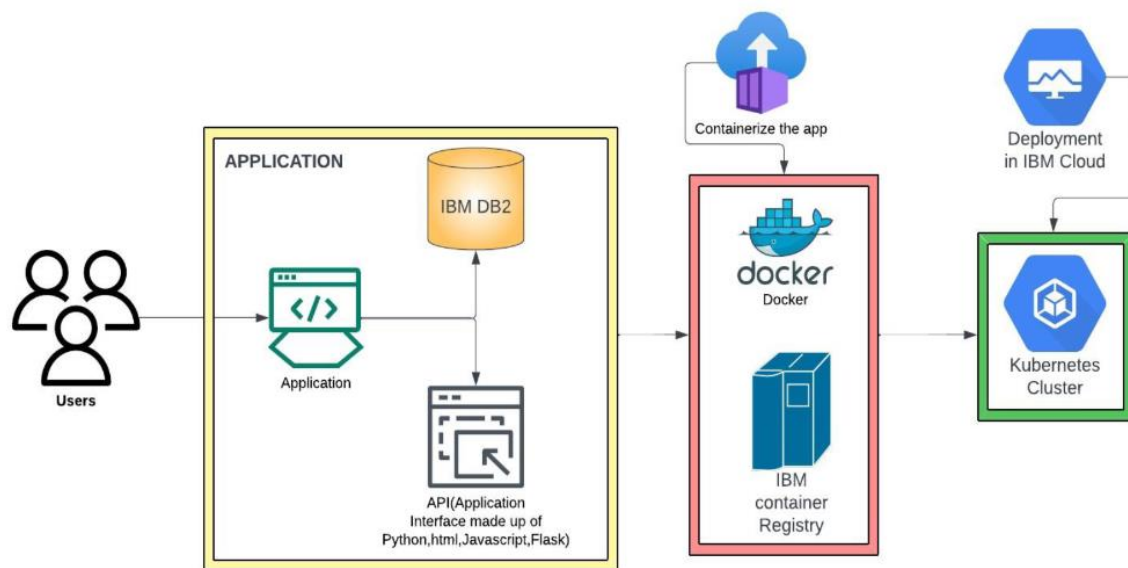


FIG 5.2 Diagram of Solution and Technical architecture

USER STORIES

USE R TYPE	FUNCTIO NAL REQUIRE MENTS	USER STORY NUMB ER	USER STORY/ TASK	ACCEP T -ANCE TASK	PRIORIT Y	RELEAS E
Mobil e user	Registratio n	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Social media accounts	I can register & access the app with Social media account	Low	Sprint-1
		USN-4	As a user, I can register for the application through Gmail other Email services	I can register the app with email account	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can register and access user profile with	High	Sprint-1

				Gmail account		
Customer	Profile	USN-6	As a user I can make some payments to avoid ads etc.,	Payment through online	High	Sprint-2
Administrator	Registraton support	USN-7	As an admin, I can view the database of the registered user	I can check and verify the registere d user's login credential s	Medium	Sprint-3
	Dashboard	USN-8	As an admin, I can manage the news request and other technical glitches in the app	I can check request numbers and troublesh oot problems in the app	Medium	Sprint-4
Chat Assistant	Dashboard	USN-9	In addition to customer care executive, I can help with user's queries within the app	I can reply to user's queries in the ap	Medium	Sprint-4

CHAPTER 6

PROJECT PLANNING AND SCHEDULING

SPRINT PLANNING AND ESTIMATION

SPRINT	FUNCTIONAL REQUIREMENTS (EPIC)	USER STORY NUMBER	USER STORY TASK	STORY POINTS	PRIORITY	TEAM MEMBERS
Sprint1	Simulation creation	USN-1	Connect with python code	2	High	Jeevitha.N Divya.R Saranya.S Tamil.P
Sprint2	Software	USN-2	Creating an IBM Watson in Cloud platform	2	High	Jeevitha.N Divya.R Saranya.S Tamil.P
Sprint3	MIT Inventor App	USN-3	Develop an News tracker application	2	High	Jeevitha.N Divya.R Saranya.S Tamil.P
Sprint4	Dashboard	USN-4	Design the Modules and test the app	2	High	Jeevitha.N Divya.R Saranya.S Tamil.P
Sprint5	Web UI	USN-5	To make the user to interact with software.	2	High	Jeevitha.N Divya.R Saranya.S Tamil.P

SPRINT DELIVERY SCHEDULE

SPRINT	TOTAL STORY POINTS	DURATION	SPRINT START DATE	STORY POINTS COMPLETED	SPRINT RELEASE DATE
Sprint-1	11	6 Days	02 Nov 2022	11	03 Nov 2022
Sprint-2	3	6 Days	04 Nov 2022	3	05 Nov 2022
Sprint-3	4	6 Days	07 Nov 2022	4	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	2	19 Nov 2022

CHAPTER 7

CODING AND SOLUTIONING

FEATURE 1

Sendgridmail

```

sendgridmail
import sendgrid
import os
from sendgrid.helpers.mail import *
api_key = "SG.XetJv3WqSfyN2Jx_PYI3YQ.QdmtXUQpcTpjqkFjR6ptyXyp7k-
rM92gYFdBMJzTfU"
sg = sendgrid.SendGridAPIClient(api_key)
from_email = Email("sabanaashmi22022002@gmail.com")
to_email = To("dsraga7@gmail.com")
subject = "Your little efforts can give others second chances to live life."
content = Content("text/plain", "Thank you for choosing our plasma
donor application for donating plasma. Your account has been created
and one step ahead to go, please verify your email ID.")
mail = Mail(from_email, to_email, subject, content)
response = sg.client.mail.send.post(request_body=mail.get())
print(response.status_code)
print(response.body)

```

FEATURE 2

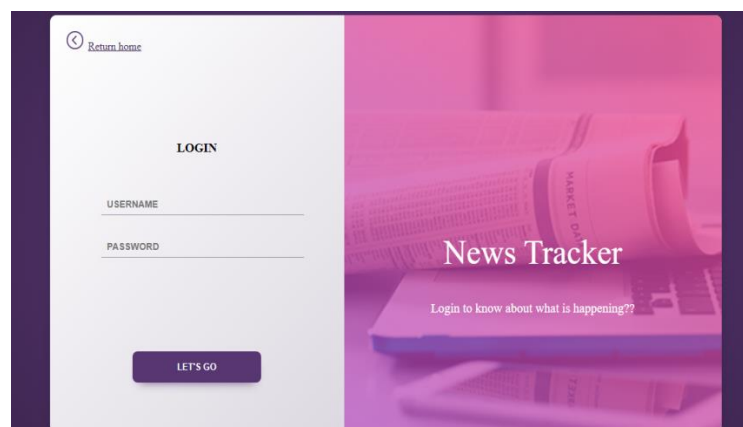
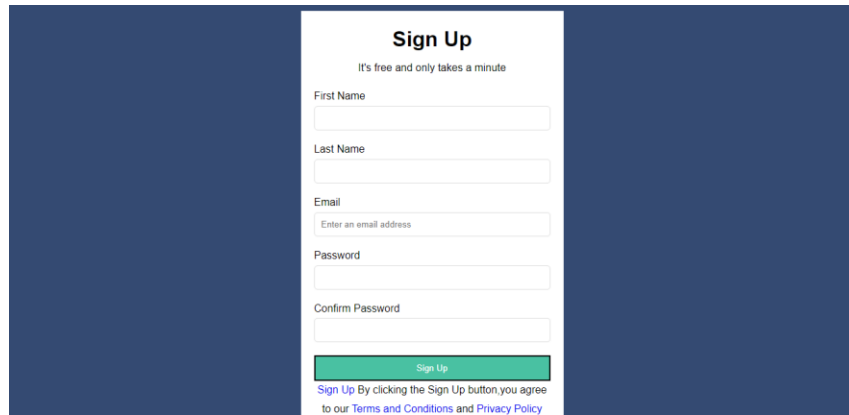


FIG 7.1 Login page



Sign Up
It's free and only takes a minute

First Name

Last Name

Email

Enter an email address

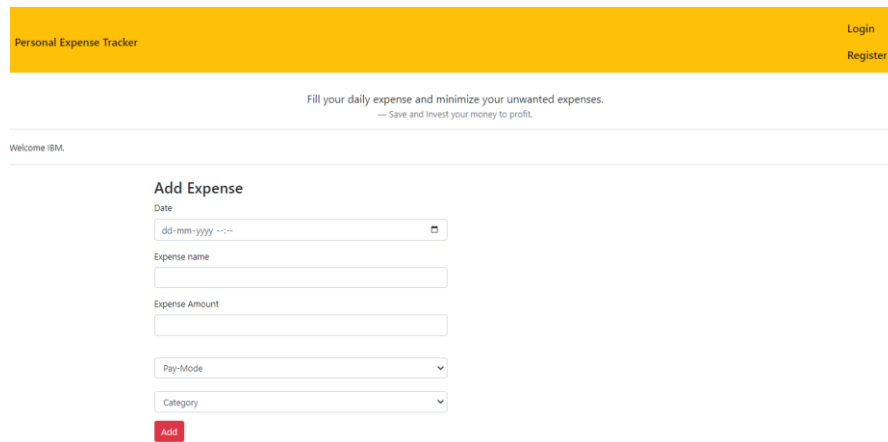
Password

Confirm Password

[Sign Up](#)

[Sign Up](#) By clicking the Sign Up button, you agree to our [Terms and Conditions](#) and [Privacy Policy](#)

FIG 7.2 Signup page



Personal Expense Tracker Login
Register

Fill your daily expense and minimize your unwanted expenses.
— Save and invest your money to profit.

Welcome IBM.

Add Expense

Date

Expense name

Expense Amount

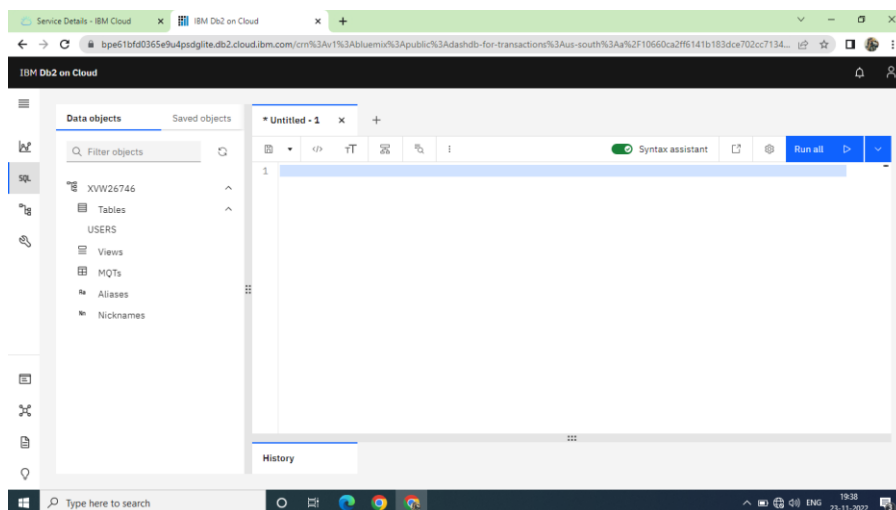
Pay-Mode

Category

[Add](#)

FIG 7.3 Expense tracking page

DATABASE SCHEMA



CHAPTER 8

TEST CASES

Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation (Y/N)	BUG ID	Executed By
Login Page_TC_OO1	Functional	Home Page	Verify user is able to see the Login/Signup page when user land on the page		1.Enter URL and click go 2.Verify login/Signup page displayed or not		Login/Signup page should display	Working as expected	Pass		N		
Login Page_TC_OO2	UI	Login Page	Verify the UI elements in Login/Signup page		1.Enter URL and click go 3.Verify login/Signup page with below UI elements: a.email text box b.password text box		Application should show below UI elements: a.email text box b.password text box	Working as expected	Pass		N		

					ord text box c.Login button d.New custom er? SignUp button e.News topics buttons		c.Log in butto n d.Ne w custo Wor ki ng as ex pect ed						
Logi n Page _TC_ OO3	Fu nct io nal	Lo gi n Pa ge	Verify user is able to log into applicat ion with Valid credenti als		1.Enter URL and click go 2.Enter the credenti als in the text box. 3.If the user is verified you will be redirect ected to the home page	Us ern am e: test @ gm ail. co m pas sw ord : Te sti n g1 23	User shoul d be redire cted towar ds the home page.	W or ki n g as ex pe ct ed	P a s s		N		
Logi n Page _TC_ OO4	Fu nct io nal	Lo gi n Pa ge	Verify user is able to log into applicat ion with Invalid credenti als		1.Enter URL and click go 2.Click on button 3.Enter Valid usernam e/email	Us ern am e: test @ gm ail. co m pas	Appli cati on shoul d show 'Incor rect email or pass	W or ki n g as ex pe ct ed	P a s s		N		

					in email text box 4.Enter invalid password in the text box. 5.Click on logout button	sw ord : Te sti n g6	word 'v alidat ion me ssage						
HomePage_TC_001	Functional	Home Page	Verify user is able to see the news page		1. Login and go to the site		Application should show the news	Working as expected	P		N		
HomePage_TC_002	Functional	Home Page	Verify user is able to view news under specific category		1.Go to the site 2.click pn topics button		Application should show news related to that topic	Working as expected	P		N		
HomePage_TC_003	Functional	Home Page	Verify user is able to view recommended news		1.Go to the site. 2.Click on recommended tab		Application should show news based on the users	Working as expected	P		N		

							interest							
HomePage_TC_004	Functional	Home Page	Verify user is able to bookmark a product		1.Go to the site 2.click the news card		Application should show the saving icon	Working as expected	P		N			
HomePage_TC_005	Functional	Home Page	Verify user is able to navigate to the news article page		1.Go to the site 2.click on any news card		Application should navigate to the article page	Working as expected	P		NN			
Bookmark Page_TC_001	Functional	Bookmark Page	Verify user is able to navigate to the news article page		1.Go to the site 2.click on bookmark tab under the user icon		Application should view all the users bookmarks	Working as expected	P		N			
Bookmark Page_TC_002	Functional	Bookmark Page	Verify user is able to delete bookmark		1.Go to the bookmark page 2.click on bookmark icon in		Application should show the delete	Working as expected	P		N			

					the page		ng icon	ct ed					
News Page_TC_001	Functional	News Page	Verify user is able to view the news		1. Go to the site 2. Click on a news card		Application should show the news article	Working as expected	P		N		
News Page_TC_002	Functional	News Page	Verify user is able to view page not loading text		1. Go to the site 2. Click on a news card		Application should show page not loading text	Working as expected	P		N		
News Page_TC_003	Functional	News Page	Verify user is able to view the news article by click on page not loading text	.	1. Go to the site 2. Click on a news card 3. Click on page not loading text		Application should redirect to the actual article page	Working as expected	P		N		
Logout_TC_001	Functional	Logout logic	Verify user is able to logout of the application	1. Click on logout	1. Go to the site 2. Click on user icon 3. Click on logout		Application should logout the user.	Working as expected	P		N		

USER ACCEPTANCE TESTING

1. Defect Analysis

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Severity 5
By design	0	0	0	0	0
Duplicate	0	0	2	0	2
Fixed	0	0	0	3	0
External	0	0	0	0	0
Not prouduced	0	0	0	1	1
Skipped	0	0	0	0	0
Wont fix	0	0	1	0	1
Total	0	0	3	4	4

2. Test Case Analysis

This report shows the number of test cases that have passed, failed, and untested.

Section	Total cases	Not tested	Fail	Pass
Login	4	0	0	4
Home	5	0	0	5
Bookmark	2	0	0	2
News	3	0	0	3
Logout	1	0	0	1

CHAPTER 9

PERFORMANCE TESTING

[illegible]

CHAPTER 10

ADVANTAGES

- Own your channels
- Much more immediate and up to date
- Push notifications
- Wider content
- Always have access (ie) mobile phone

DISADVANTAGES

- Require wifi/data to get online
- Older audiences may not access digital platforms
- Costly to maintain
- Fake news

CHAPTER 11

CONCLUSION

Our project is a humble venture to satisfy the needs to their project work. Several user friendly coding have also adopted. This package shall prove to be satisfy the users requirements. The objective if this software planning is to provide a frame work that enables the manager to make reasonable estimates made within a limited time frame at the beginning of the software project and should be upgraded regularly as the project progresses.

CHAPTER 12

FUTURE SCOPE

- We can add printer in future.
- We can give more advance software for this app including more facilities.
- We will host the platform on online servers to make it accessible worldwide.
- Create the master and slave database structure to reduce the overload of the database queries

The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of news and newws category. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintian the news application. Enhancements can be done to maintain all the News, News category, Sports news and Weather news.

CHAPTER 13

APPENDIX

Login.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="Stylesheet" href="login.css">
</head>
<body>

  <section class="login">
    <div class="signup">
      <form action="">
        <h5>Click here to create a new Account</h5>
        <button formaction="../index.html">SignUp</button>
      </form>
    </div>
    <div class="login_box">
      <div class="left">
        <div class="top_link"><a href="#">Return home</a></div>
        <div class="contact">
          <form action="">
            <h3>LOGIN</h3>
            <input type="text"
placeholder="USERNAME">
            <input type="password"
placeholder="PASSWORD">
            <button class="submit"
formaction="./news.html">LET'S GO</button>
          </form>
        </div>
      </div>
      <div class="right">
        <div class="right-text">
          <h2>News Tracker</h2>

```

```

        <h5>Login to know about what is happening??</h5>
    </div>

```

```

    </div>
</section>
</body>
</html>

```

Register.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Form Styling</title>
    <link
    href="https://fonts.googleapis.com/css2?family=Raleway:wght@300&display=swap"
    rel="stylesheet"
    />

    <style>
        *{
            box-sizing: border-box;
            margin: 0;
            padding:0;
        }

        body {
            font-family: 'Raleway', sans-serif ;
            background-color: #344a72;
            color:white;
            line-height: 1.8;
        }
        a {
            text-decoration:none;
        }

        #container{
            margin: 30px auto;
            max-width: 400px;
            padding: x;

```

```

}

.form-wrap {
  background: #fff;
  padding: 15px 20px;
  color: black;
}
.form-wrap h1,
.form-wrap p {
  text-align: center;
}

.form-wrap .form-group {
  margin-top: 15px;
}

.form-wrap .form-group label {
  display: block;
  color: #666;
}
.form-wrap .form-group input {
  width: 100%;
  padding: 10px;
  border: #ddd 1px solid;
  border-radius: 5px;
}

.form-wrap button {
  display: block;
  background: #49c1a2;
  width: 100%;
  padding: 10px;
  margin-top: 20px;
  color: #fff;
  cursor: pointer;
}

.form-wrap button:hover {
  background: green;
}

```



```

.form-wrap .button text {
  font-size:13px;
  margin-top:20px;
}

footer {
  text-align:center;
  margin-top:10px;
}

footer a{
  color:#49c1a2
}
</style>
</head>
<body>
<div id="container">
<div class="form-wrap">
<h1>Sign Up</h1>
<p>It's free and only takes a minute</p>
<form>
  <div class="form-group">
    <label for="first-name">First Name</label>
    <input type="text" name="firstname" id="first-name"/>
  </div>
  <div class="form-group">
    <label for="last-name">Last Name</label>
    <input type="text" name="lastname" id="last-name"/>
  </div>
  <div class="form-group">
    <label for="email">Email</label>
    <input type="email" name="email" id="email" placeholder="Enter an email
address"/>

  </div>
  <div class="form-group">
    <label for="password">Password</label>
    <input type="password" name="password" id="password"/>
  </div>
  <div class="form-group">
    <label for="password2">Confirm Password</label>
    <input type="password" name="password2" id="password2"/>
  </div>

```

```

    <button type="submit" class="btn">Sign Up</button>
    <p class="bottom-text">
      <a href="login1.html">Sign Up</a>
      By clicking the Sign Up button,you agree to our
      <a href="#">Terms and Conditions</a> and
      <a href="#">Privacy Policy</a>
    </p>
  </form>
</div>
<footer>
  <p>
    Already have an account?
    <a href="login.html">Login Here</a>
  </p>
</footer>
</div>**-++

</body>
</html>

```

Page.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
  KJ3o2DKtIkVYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5K
  kN" crossorigin="anonymous"></script>
  <script
  src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"
  integrity="sha384-
  ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
  crossorigin="anonymous"></script>
  <script
  src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"
  integrity="sha384-
  JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
  crossorigin="anonymous"></script>
  <link
  href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"
  integrity="sha384-
  Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JX
  m" crossorigin="an

```

```

<title>Daily Expense</title>
<style type="text/css">
  body{
    background-color: #EAF6F6;
  }
  form{
    margin-left: 550px;
    width: 30%;
  }
</style>
</head>
<body>
  <nav class="h1 navbar navbar-inverse navbar-light p-3 mb-2 bg-warning text-light
justify-content-between">
    <div class="container-fluid">
      <div class="navbar-header">
        <a class="navbar-brand" href="a">Personal Expense Tracker</a>
      </div>
      <ul class="nav navbar-nav navbar-right">
        <li><a class="navbar-brand" href="{{url_for('login')}}"><span class="glyphicon
glyphicon-user"></span>Login</a></li>
        <li><a class="navbar-brand" href="{{url_for('register')}}"><span class="glyphicon
glyphicon-user"></span>Register</a></li>
      </ul>
    </div>
  </nav>
  <br>
  <blockquote class="blockquote text-center">
    <p class="mb-0">Fill your daily expense and minimize your unwanted expenses.</p>
    <footer class="blockquote-footer">Save and Invest your money to profit.<cite
title="Job__Finder"></cite></footer>
  </blockquote>
  <div class="card">
    <div class="card-body">
      Welcome IBM.
    </div>
  </div>
  <br>
  <div class="container">
    <div class="row">
      <div class="col-md-6">
        <h3>Add Expense</h3>
        <form action="/addexpense" method="POST">

```

```

<div class="form-group">
  <label for="">Date</label>
  <input class="form-control" type="datetime-local" name="date" id="date">
</div>

<div class="form-group"> <label for="">Expense name</label>
  <input class="form-control" type="text" name="expensename"
id="expensename">
  </div>
  <div class="form-group">
    <label for="">Expense Amount</label>
    <input class="form-control" type="number" min="0" name="amount"
id="amount">
    </div>
    <div class="form-group">
      <label for=""></label>
      <select class="form-control" name="paymode" id="paymode">
        <option selected hidden>Pay-Mode</option>
        <option name="cash" value="cash">cash</option>
        <option name="debitcard" value="debitcard">debitcard</option>
        <option name="creditcard" value="creditcard">creditcard</option>
        <option name="epayment" value="epayment">UPI</option>
        <option
value="onlinebanking">onlinebanking</option>
name="onlinebanking"

      </select>

      <div class="form-group">
        <label for=""></label>
        <select class="form-control" name="category" id="category">
          <option selected hidden>Category</option>
          <option name = "food" value="food">food</option>
          <option
value="entertainment">Entertainment</option>
name
=
"entertainment"
          <option name = "business" value="business">Business</option>
          <option name = "rent" value="rent">Rent</option>
          <option name = "EMI" value="EMI">EMI</option>
          <option name = "other" value="other">other</option>
        </select>
      </div>

      <input class="btn btn-danger" type="submit" value="Add" id="">

```

```

        </form>
      </div>
    </div>
  </div>
</body>
</html>

```

Newstracker.js

```

const body = document.querySelector("body");

const homeAdd = function (arg) {
  arg.classList.add("home-body");
}

//axios requests that reach our server to run SA on said story and show result inside
button
const saButtons = document.querySelectorAll(".sa-button");
for (let button of saButtons) {
  button.addEventListener("click", async function (evt) {
    evt.preventDefault();
    const text = button.firstChild;
    const input = text.nextSibling;
    const value = input.value;
    const storyID = button.getAttribute('data-story')
    if (value === "Get Polarity") {
      try {
        const req = await axios.post(`/story/${storyID}/polarity`);
        const resp = req.data.response;
        input.value = resp;
      } catch (error) {
        console.error(error.response.data)
      }
    }
    else if (value === "Get Subjectivity") {
      const req = await axios.post(`/story/${storyID}/subjectivity`);
      const resp = req.data.response;
      input.value = resp;
    }
  })
}

const deleteQueryButtons = document.querySelectorAll(".close")
for (let button of deleteQueryButtons) {

```

```

button.addEventListener("click", async function (evt) {
  console.log("CLICKEDDDD")
  const queryID = button.getAttribute('data-query')
  console.log(queryID)
  const req = await axios.post(`/user/${queryID}/delete`);
  const resp = req.data.response;
  button.value = resp;
})
}

```

//Replace broken images with default image

```
const default_avatar = 'https://secure.gravatar.com/avatar?d=wavatar';
```

```

window.addEventListener("load", event => {
  let images = document.querySelectorAll('img');
  for (let image of images) {
    let isLoaded = image.complete && image.naturalHeight !== 0;
    if (!isLoaded) {
      image.src = default_avatar;
    }
  }
});

```

GITHUB AND SOURCE CODE LINK

<https://github.com/IBMEPBL/IBM-Project-44698-1660726323>