

PROJECT REPORT

NEWS TRACKER APPLICATION

submitted by

PNT2022TMID27314

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CHAPTER 1

INTRODUCTION

1.1 PROJECT OVERVIEW

This app is a news application. This application will show the news about the world. This is better than old conventional newspapers as you can see news any time and anywhere now. This will also have live updates.

Users can see the real news with real-time updates. The app will show category-wise news. Auto update news because it fetch news from API. Users can see the news according to their interests.

1.2 PURPOSE

Today, the publishing industry is facing such a threat when it comes to newspaper publishing and sales. So, magazine and newspaper lovers are moving towards reading news on mobiles and tablets. The revenue model of the online apps are quite simple and rewarding. So, users can view the updated news on time in their own hands. They can view the news depend upon their own interest.

CHAPTER 2

LITERATURE SURVEY

2.1 EXISTING PROBLEM

The fundamental problem with news applications is 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 everyday and also understand explicitly that the news is not fake but from proper sources. Users are facing a lot of advertisement in between the news reading and more unwanted news which beyond their interests are shown in the feeds.

2.2 REFERENCES

[1] https://www.ripublication.com/ijaer18/ijaerv13n11_78.pdf

[2] International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 11 (2018) pp. 9310-9315 Research India Publications. <http://www.ripublication.com>

[3] Sangeeta Ruth, Srividhya Raghavan V, Smrithi J, Saira Banu. 2016. "Spatial Preference Newsfeed System For Android Mobile Users", IJCSITS, Vol6, NO. 3: 24.

[4] <https://newsapi.org/>

[5] <https://dzone.com/articles/how-to-parse-json-datafrom-a-rest-api-using-simpl>

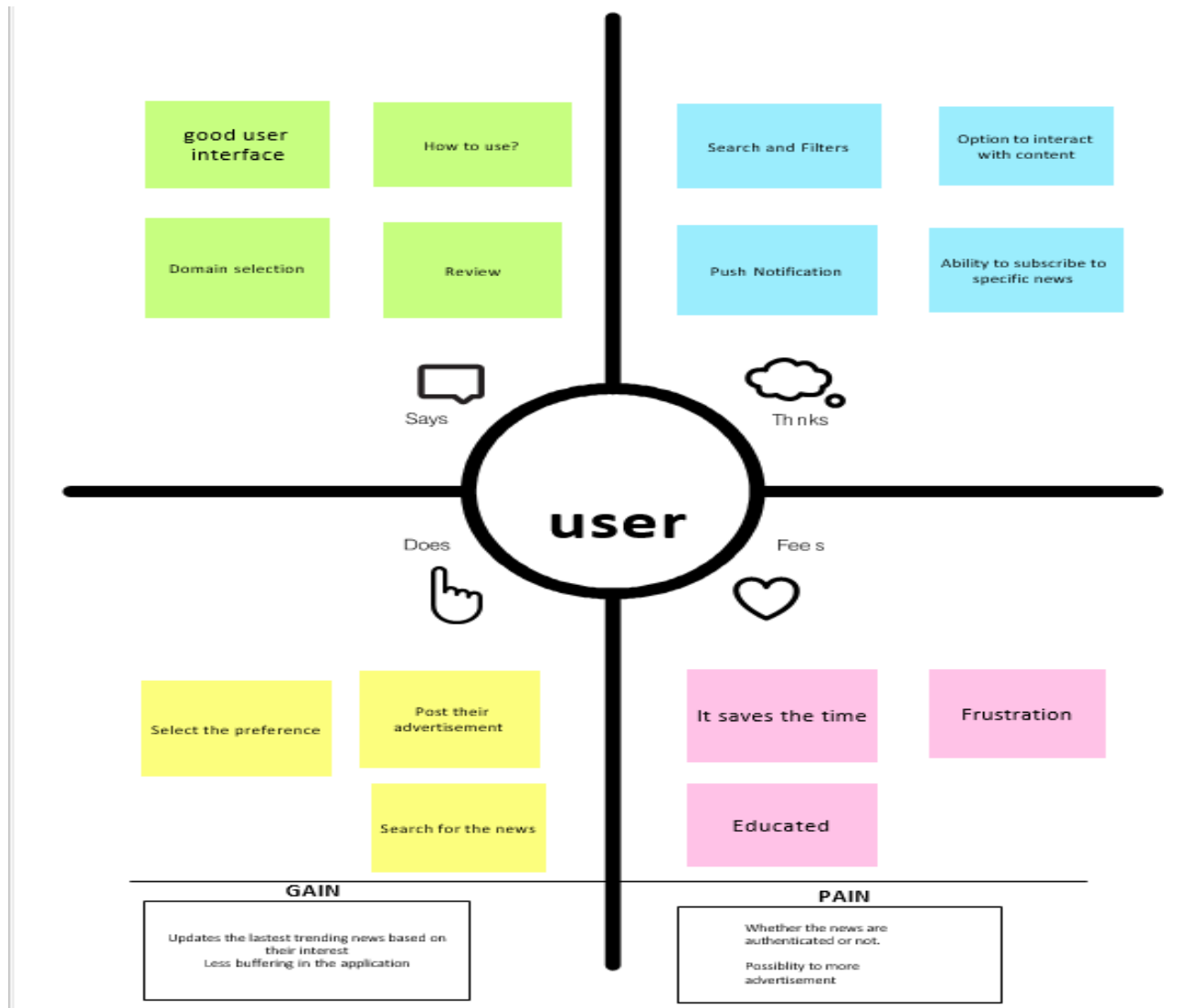
2.3 PROBLEM STATEMENT DEFINITION

The study presents a personalized e-news monitoring agent system which employs the topic tracking based approach for tracking the user-interested news events. The proposed scheme simultaneously considers both the similarities and the semantic relationships among news topics to track the user-interested news topics. Storing user details and their preferences in the cloud platform. Cloud computing is one of the upcoming technologies that will upgrade generation of Internet. The data stored in the smart phones is increased as more applications are deployed and executed. If the phone is damaged or lost then the information stored in it gets lost. If the cloud storage can be integrated for regular data backup of a mobile user so that the risk of data lost can be minimized.

CHAPTER 3

IDEATION AND PROPOSED SOLUTION

3.1 EMPATHY MAP CANVAS



Brainstorm & Idea Prioritization

Let's try to generate 100 ideas for the project. We will then select the most promising ones and prioritize them based on their feasibility and impact.

1. **Brainstorming**

2. **Idea Prioritization**

3. **Feasibility Study**

4. **Implementation Plan**

5. **Monitoring & Evaluation**

6. **Reporting**

7. **Conclusion**

8. **Recommendations**

9. **References**

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99. **Background**

100. **Objectives**

3.3 PROPOSED SOLUTION

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To provide customized news with current updation.
2.	Idea / Solution description	Provide user friendly UI Avoid fake News User privacy and security Improve app speed Create own wishlist
3.	Novelty / Uniqueness	This app have separate news domain and have minimal advertisement. Provide news clips in the form of short videos.
4.	Social Impact / Customer Satisfaction	The user able to get news with minimal ads. The user will not have to spend time on searching news rather than get updated news from their Wishlist.
5.	Business Model (Revenue Model)	The user can switch to premium to get news without ads. Organisations can approach and post their advertisement in our application.
6.	Scalability of the Solution	Since the web application is deployed on IBM cloud , it can handle multiple user at a time. The user view the news according to their interest and choice. User from all age category can use the application and the news can also be filtered according to their age.

3.4 PROBLEM SOLUTION FIT

Project Title:NEWS TRACKER APPLICATION

Project Design Phase-I - Solution Fit Template

Team ID: PNT2022TMID27314

<p>1. CUSTOMER SEGMENT(S)</p> <p>Who is your customer?</p> <p>CS</p> <p>Students Business people Old age people</p>	<p>6. CUSTOMER CONSTRAINTS</p> <p>What constraints prevent your customers from taking action or limit their choices of solutions? .</p> <p>CC</p> <p>Must have constant network connectivity Manual updation Follow their own interest of news</p>	<p>5. AVAILABLE SOLUTIONS</p> <p>Which solutions are available to the customers when they face the problem</p> <p>AS</p> <p>or need to get the job done? What have they tried in the past? What pros & cons do these solutions have?</p> <p>Previously we use the Newspaper and television to view the news and we cant carry that everywhere.Now we are using mobile phones which is portable we can view the news digitally.</p>				
<p>2. JOBS-TO-BE-DONE / PROBLEMS</p> <p>Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one, explore different side.</p> <p>J&P</p> <p>Physically cant carry the Newspaper Did not get an updated news on time Existing application will have more advertisement No proper personalization news User Interface will not be good</p>	<p>9. PROBLEM ROOT CAUSE</p> <p>What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations.</p> <p>RC</p> <p>There are multiple news sharing apps used by a single user and are often spammed with notification. Manual updation should be done carefully because the duplication of news may occur</p>	<p>7. BEHAVIOUR</p> <p>What does your customer do to address the problem and get the job done? i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)</p> <p>BE</p> <p>Some of the existing solutions are:</p> <p>Application feedback Google feedback</p>				
<p>3. TRIGGERS</p> <p>What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.</p> <p>TR</p> <p>To manage their time efficient To have updated news in hand To see their interested news on feed</p> <p>4. EMOTIONS: BEFORE / AFTER</p> <p>How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design.</p> <p>EM</p> <table border="0"> <tr> <td>Before</td> <td>After</td> </tr> <tr> <td>1. Curious</td> <td>1.update 2.confident</td> </tr> </table>	Before	After	1. Curious	1.update 2.confident	<p>10. YOUR SOLUTION</p> <p>If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality. If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.</p> <p>SL</p> <p>This application is used to show updated news on time to time. This will show a news in reels format where user can enjoy viewing the news in different manner. This application will avoid most of the advertisement and we sure it wont disturb our customer. user can also follow their interested news page in our application. The user interface in our application will be good and news feeds depend on user interest will be updated on time.</p>	<p>8. CHANNELS of BEHAVIOUR</p> <p>S1 ONLINE</p> <p>What kind of actions do customers take online? Extract online channels from #7</p> <p>Continuous updations of news. Generate notification of list of news which the user need to follow user can stack the news</p> <p>S2 OFFLINE</p> <p>What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</p> <p>user can see the downloaded news</p> <p>CH</p>
Before	After					
1. Curious	1.update 2.confident					

CHAPTER 4

REQUIREMENT ANALYSIS

4.1 FUNCTIONAL REQUIREMENTS

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through Facebook
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User login	Users should login the app with the User's name or email and password.
FR-4	User Information	Users can include their information in preferred topics so that they could be recommended by the application.

4.2 NON FUNCTIONAL REQUIREMENTS

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

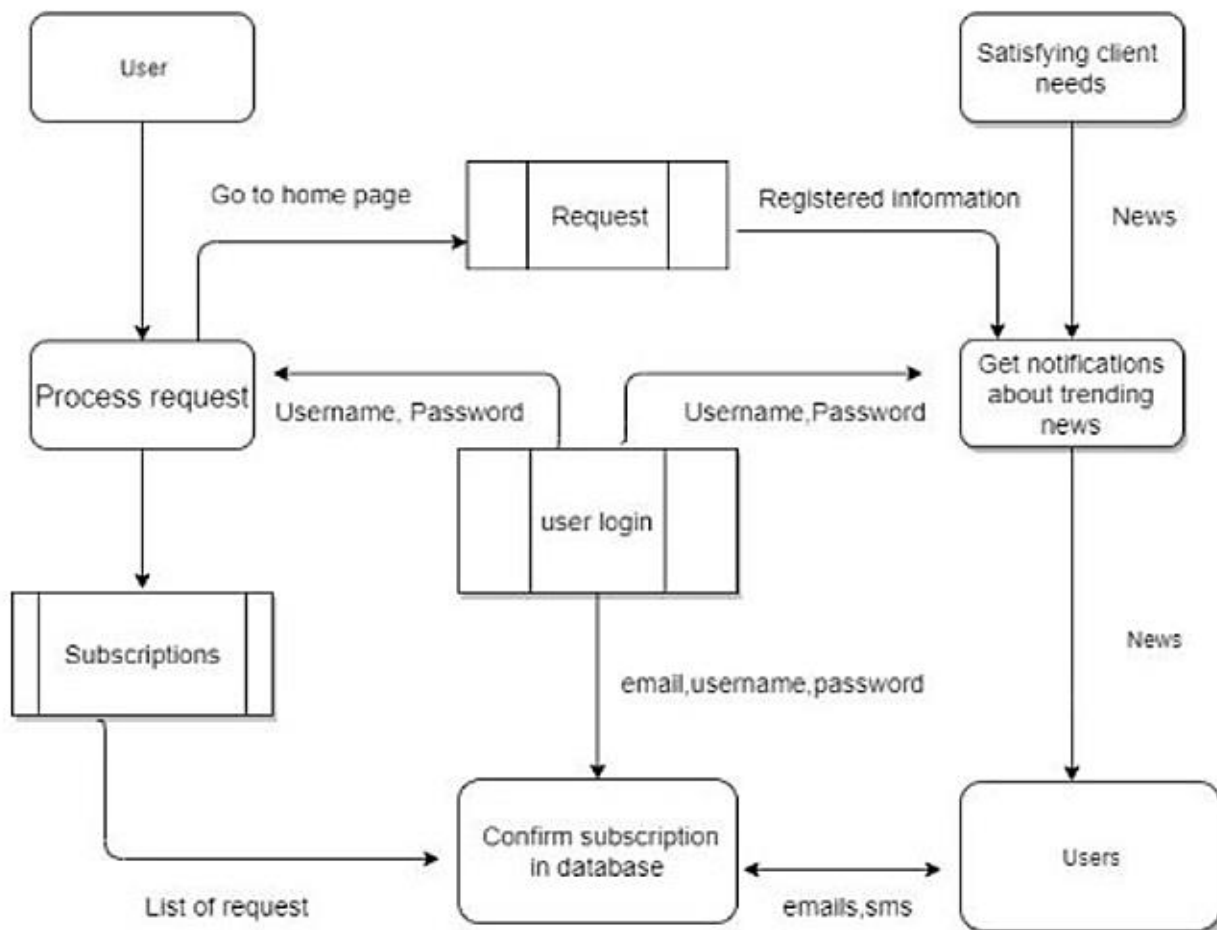
FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This app is user friendly app, where users can clear their queries with the chatbot.
NFR-2	Security	This app is secured app, where users information is encrypted properly.
NFR-3	Reliability	This app can be accessed anywhere and anytime. User can download the news offline.
NFR-4	Performance	The app is well tested and hence the performance of the app is great.
NFR-5	Availability	Chatbot is available in this app to rectify the queries of the users
NFR-6	Scalability	This app refers to the capacity of an app to handle growth.

CHAPTER 5

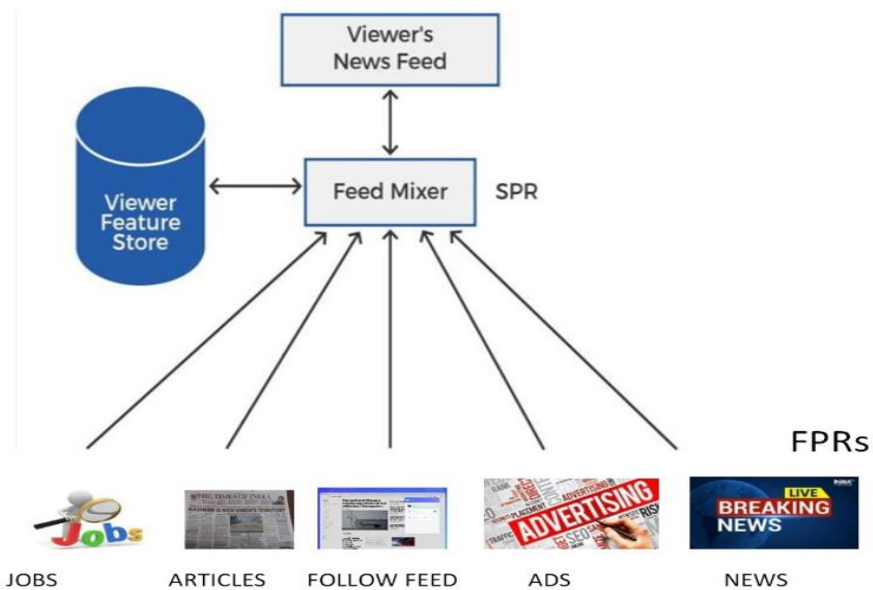
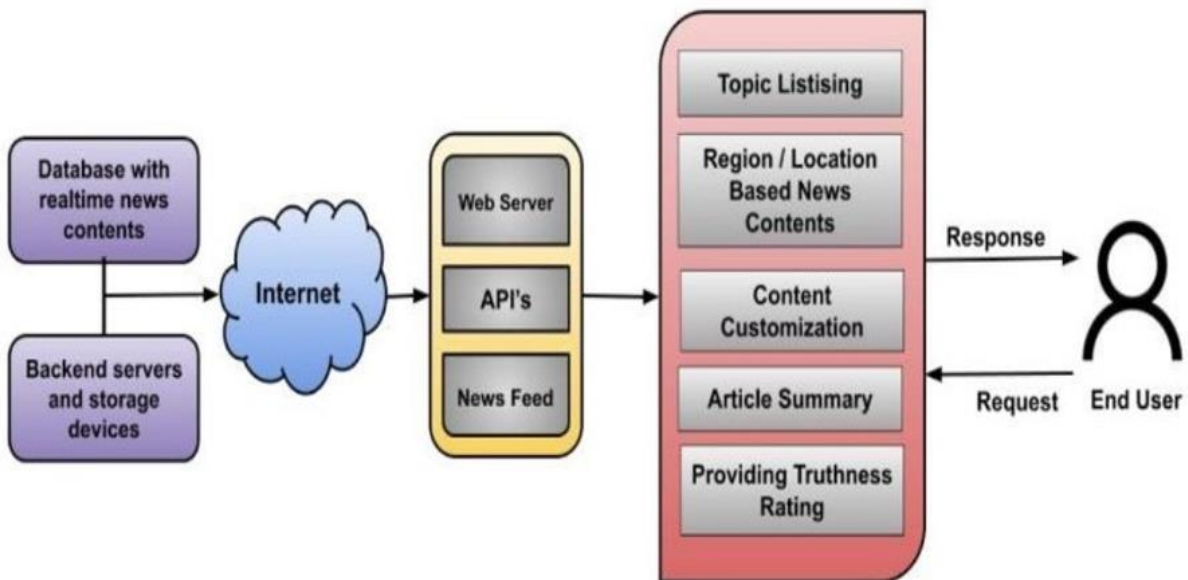
PROJECT DESIGN

5.1 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.



5.2 SOLUTION & TECHNICAL ARCHITECTURE



5.3 USER STORIES

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	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 Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can receive password from mail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can view all types of information through this application	High	Sprint-1
	Dashboard	USN-6	The news portal fetches for the most recent news and shows it as "Breaking News"	I can open and view the "Breaking News"	Low	Sprint -2
Customer (Web user)	Browser	USN-7	Have interactive medium between client and server	I have a clarity to use this application and easily resolve my specific issues	High	Sprint -1
Customer Care Executive	Chat box	USN-8	Rectify the issues related subscription, account, terms and conditions, privacy policy			
Administrator	Registration with account	USN-9	As a user, I can simply register with my Facebook account	I can access my account / Profile.	Medium	Sprint -1
	Registration with domain	USN-10	As a user, I can register to the website with my Gmail account	I can access my account / Profile.	Medium	Sprint -1
	Login	USN-11	As a user, I can register to the website with my registered account	I can access my account / Profile.	Medium	Sprint -1

CHAPTER 6

PROJECT PLANNING AND SCHEDULING

6.1 SPRINT PLANNING AND ESTIMATION

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Vishwa T
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Yudhasini S
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	Supriya M
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Praveen Kumar R
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Vishwa T
Sprint-2	Dashboard	USN-6	As a user I can select the news domains based on the wish.	1	High	Supriya M
Sprint-2		USN-7	As a user I can see the news in the dashboard.	2	High	Yudhasini S
Sprint-3	Search bar	USN-8	As a user I can search the news.	2	Medium	Praveen Kumar R
Sprint-3		USN-9	As a user I can get notified about the news.	2	High	Vishwa T
Sprint-4	Admin login	USN-10	As a admin I can manage news and user logins	1	Medium	Vishwa T
Sprint-4		USN-11	As a admin I can check authenticity of news	1	Medium	Yudhashini S
Sprint-4		USN-12	As a user I can switch to premium account.	3	Medium	Praveen Kumar R

6.2 SPRINT DELIVERY SCHEDULE

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	10	07 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	10	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	10	14 Nov 2022

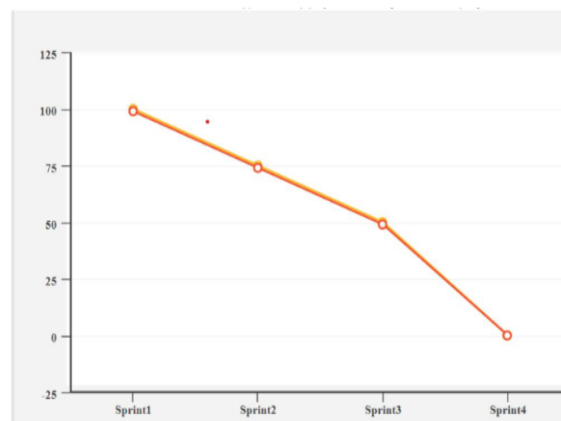
Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

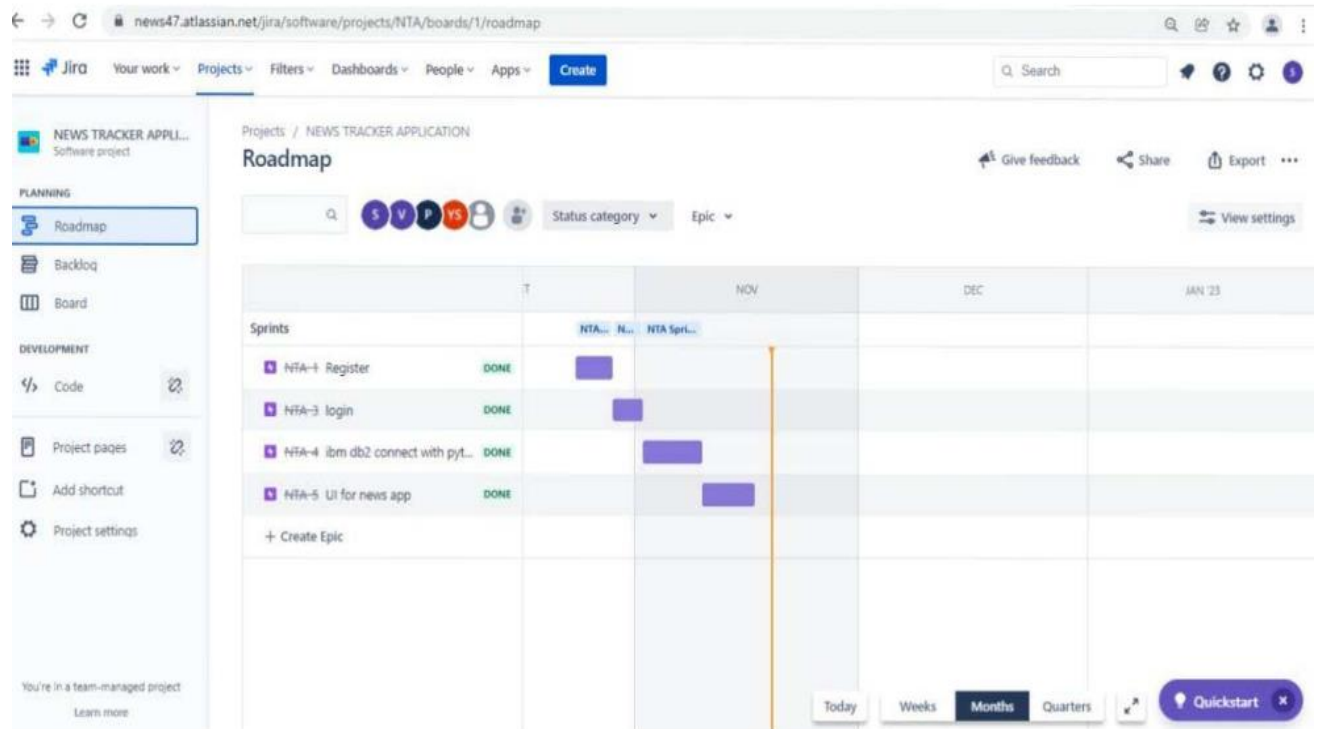
$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.



6.3 Reports from JIRA



CHAPTER 7

CODING & SOLUTIONING

7.1 Feature 1

```
from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db
import re

app = Flask(__name__)

hostname = 'ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.c1ogj3sd0tgu0lqde00.databases.appdomain.cloud'
uid = 'lhm02447'
pwd = 'GuPGCnMlAXaExvbo'
driver = "{IBM DB2 ODBC DRIVER}"
db_name = 'bludb'
port = '31321'
protocol = 'TCPIP'
cert = "C:/Users/Prithiarun/Desktop/IBM/TEST/certi.crt"
dsn = (
    "DATABASE={0};"
    "HOSTNAME={1};"
    "PORT={2};"
    "UID={3};"
    "SECURITY=SSL;"
    "PROTOCOL={4};"
    "PWD={6};"
).format(db_name, hostname, port, uid, protocol, cert, pwd)
connection = ibm_db.connect(dsn, "", "")
print()
# query = "SELECT username FROM USER1 WHERE username=?"
# stmt = ibm_db.prepare(connection, query)
# ibm_db.bind_param(stmt, 1, username)
# ibm_db.execute(stmt)
# username = ibm_db.fetch_assoc(stmt)
# print(username)
app.secret_key = 'a'

@app.route('/register', methods=['GET', 'POST'])
def register():
    return render_template('register.html')
```

```

@app.route('/insert', methods=['GET', 'POST'])
def insert():
    msg = ""
    if request.method == 'POST':
        username = request.form['name']
        email_id = request.form['email']
        password = request.form['password']
        query = "SELECT * FROM USER WHERE name=?;"
        stmt = ibm_db.prepare(connection, query)
        ibm_db.bind_param(stmt, 1, username)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        if (account):

            msg = "Account already exists!"
            return render_template('register.html', msg=msg)
        # elif not re.match(r'^@]+@[^@]+\.[^@]+', email_id):
        #     msg = "Invalid email address"
        # elif not re.match(r'[A-Za-z0-9+]', username):
        #     msg = "Name must contain only characters and numbers"
        else:
            query = "INSERT INTO USER values(?,?,?)"
            stmt = ibm_db.prepare(connection, query)
            ibm_db.bind_param(stmt, 1, username)
            ibm_db.bind_param(stmt, 2, email_id)
            ibm_db.bind_param(stmt, 3, password)
            ibm_db.execute(stmt)
            msg = 'You have successfully Logged In!!'
            return render_template('login.html', msg=msg)
    else:
        msg = 'PLEASE FILL OUT OF THE FORM'
        return render_template('register.html', msg=msg)

@app.route('/', methods=['GET', 'POST'])
@app.route('/login', methods=['GET', 'POST'])
def login():
    global userid
    msg = ''

```

```

if request.method == "POST":
    email = request.form['email']
    password = request.form['password']
    query = "select * from user where mail=? and password=?"
    stmt = ibm_db.prepare(connection, query)
    ibm_db.bind_param(stmt, 1, email)
    ibm_db.bind_param(stmt, 2, password)
    ibm_db.execute(stmt)
    account = ibm_db.fetch_assoc(stmt)
    print(account)
    if account:
        session['Loggedin'] = True
        session['id'] = account['NAME']
        session['username'] = account['NAME']
        msg = 'Logged in Successfully'
        return render_template('index.html', msg=msg, username=str.upper( account['NAME']))
    else:
        msg = 'Incorrect Username or Password'
        return render_template('login.html', msg=msg)
else:
    msg = 'PLEASE FILL OUT OF THE FORM'
    return render_template('login.html', msg=msg)

@app.route('/welcome', methods=['GET', 'POST'])
def welcome():
    if request.method == 'POST':
        username = request.form['username']
        print(username)
        return render_template('index.html', username=username)
    else:
        return render_template('index.html', username=username)

if __name__ == "__main__":
    app.run(debug=True)
    app.run(host='0.0.0.0')

```

7.2 Feature 2

```
body {  
  background-color: hsl(39, 77%, 83%,0.2);  
  font-family: "Roboto", sans-serif;  
}  
  
.signup-box {  
  width: 360px;  
  height: 620px;  
  margin: auto;  
  background-color: hsl(39, 77%, 83%,0.4);  
  border-radius: 3px;  
}  
  
.login-box {  
  width: 360px;  
  height: 280px;  
  margin: auto;  
  border-radius: 3px;  
  background-color: hsl(39, 77%, 83%,0.4);  
}  
  
h1 {  
  text-align: center;  
  padding-top: 15px;  
}  
  
h4 {  
  text-align: center;  
}  
  
form {  
  width: 300px;  
  margin-left: 20px;  
}  
  
form label {  
  display: flex;  
  margin-top: 20px;  
  font-size: 18px;  
}
```

```

}

form input {
  width: 100%;
  padding: 7px;
  border: none;
  border: 1px solid gray;
  border-radius: 6px;
  outline: none;
}
input[type="button"] {
  width: 320px;
  height: 35px;
  margin-top: 20px;
  border: none;
  background-color: #49c1a2;
  color: white;
  font-size: 18px;
}
p {
  text-align: center;
  padding-top: 20px;
  font-size: 15px;
}
.para-2 {
  text-align: center;
  color: black;
  font-size: 15px;
  margin-top: -10px;
}
.para-2 a {
  color: #49c1a2;
}
.box{
  margin-left: 40%;
}

```

7.3 Database Schema

```
hostname = 'ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud'
uid = 'lhm02447'
pwd = 'GuPGCnMlAXaExvbo'
driver = '{IBM DB2 ODBC DRIVER}'
db_name = 'bludb'
port = '31321'
protocol = 'TCPIP'
cert = "C:/Users/Prithiarun/Desktop/IBM/TEST/certi.crt"
dsn = (
    "DATABASE={0};"
    "HOSTNAME={1};"
    "PORT={2};"
    "UID={3};"
    "SECURITY=SSL;"
    "PROTOCOL={4};"
    "PWD={6};"
).format(db_name, hostname, port, uid, protocol, cert, pwd)
connection = ibm_db.connect(dsn, "", "")
print()
# query = "SELECT username FROM USER1 WHERE username=?"
# stmt = ibm_db.prepare(connection, query)
# ibm_db.bind_param(stmt, 1, username)
# ibm_db.execute(stmt)
# username = ibm_db.fetch_assoc(stmt)
# print(username)

query = "SELECT * FROM USER WHERE name=?"
stmt = ibm_db.prepare(connection, query)
ibm_db.bind_param(stmt, 1, username)
ibm_db.execute(stmt)
account = ibm_db.fetch_assoc(stmt)
```


LOGIN

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Login | By Code Info</title>
  <!--<link rel="stylesheet" href="/Static/css/style.css" />-->
  <link rel="stylesheet" href="{{ url_for('static', filename='css/style.css') }}" />
  <link
    href="https://fonts.googleapis.com/css2?family=Roboto:wght@300&display=swap"
    rel="stylesheet"
  />
</head>
<body>
  <div class="login-box">
    <h1>Login</h1>
    <form action="/login" method="POST">
      <label>Email</label>
      <input type="email" name="email" placeholder="" />
      <label>Password</label>
      <input type="password" name="password" placeholder="" />
      <input type="submit" value="Submit" />
    </form>
  </div>

  <div class="box" >

    <form action="/register">

      <p class="para-2">
        Not have an account? <input value="sign-up" type="submit">
      </p>

    </form>

    {{msg}}
  </div>
</body>
</html>
```

Login

Email

Password

Submit

Not have an account?

sign-up

PLEASE FILL OUT OF THE FORM

Login

Email

19cs099@kcgcollege.com

Password

Submit

Not have an account?

sign-up

PLEASE FILL OUT OF THE FORM

REGISTER

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Sign Up | By Code Info</title>
    <!--<link rel="stylesheet" href="/Static/style.css" />-->
    <link rel="stylesheet" href="{{ url_for('static', filename='css/style.css') }}" />
    <link
      href="https://fonts.googleapis.com/css2?family=Roboto:wght@300&display=swap"
      rel="stylesheet"/>
  </head>
  <body>
    <div class="signup-box">
      <h1>Sign Up</h1>
      <h4>It's free and only takes a minute</h4>
      <form action="/insert" method="post">
        <label>First Name</label>
        <input name="name" type="text" placeholder="" />
        <label>Email</label>
        <input name="email" type="email" placeholder="" />
        <label>Password</label>
        <input name="password" type="password" placeholder="" />
        <br>
        <br>
        <input type="submit" value="Submit" />
      </form>
      <p>
        By clicking the Sign Up button, you agree to our <br />
        <a href="#">Terms and Condition</a> and <a href="#">Policy Privacy</a>
      </p>
    </div>
    <div class="box">
      <form action="/login">
        <p class="para-2">
          Already have an account? <input value="login" type="submit">
        </p>
      </form>
    </div>
  </body>
</html>
```

← → ↻ localhost:5000/register? ☆ 🏠 🔍 📄 📄

Sign Up

It's free and only takes a minute

First Name

Email

Password

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

Already have an account?

Sign Up

It's free and only takes a minute

First Name

Email

Password

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

Already have an account?

News Website

localhost:5000/login#business

News34

General Business Sports Technology Entertainment

Search news

Search

Business

Kaynes Technology IPO: Share allotment today. GMP, how to check status | Mint - Mint

2022-11-18

Kaynes Technology IPO allotment status can be checked online at BSE or at Link Intime website

Read more

CDSL detects malware in few internal machines - Moneycontrol

2022-11-18

CDSL has isolated the internal machines and disconnected itself from other constituents of the capital market, it said, adding that settlement activities would be completed after the resolution of the incident.

Read more

Zomato co-founder Mohit Gupta resigns, marking the third big exit in two weeks - Moneycontrol

2022-11-18

Gupta's departure is the third high profile exit from the food delivery major in recent weeks.

Read more

Bahamas Government Says It Ordered SBF to Hack FTX - Crypto Briefing

2022-11-18

The Securities Commission of The Bahamas has confirmed it ordered SBF to transfer assets from FTX to its own wallet last week.

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Cloud Storage

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

LHM02447.USER

Back

Export to CSV

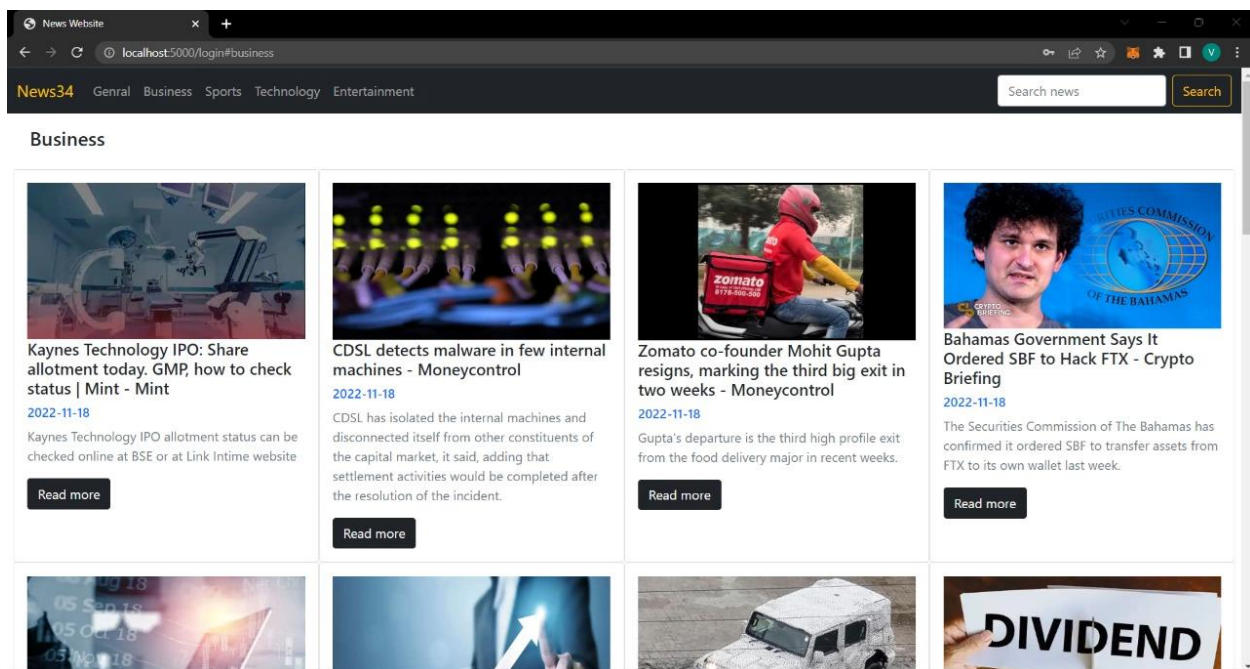
NAME	MAIL	PASSWORD
Vishwa	19cs099@kcgcollege.com	vish2222
praveen	praveenkumarkcg2001@gmail.com	ps2001
yudha	yudhasini275@gmail.com	asasd

CHAPTER 8

TESTING

8.1 Test Cases

The user can enter the application and select the domains he want and he can also search the news he wants to know.



8.2 User Acceptance Testing

The image shows a login form on a light orange background. At the top, the word "Login" is centered in a large, black, sans-serif font. Below it, there are two input fields. The first is labeled "Email" and contains the text "19cs099@kcgcollege.com". The second is labeled "Password" and contains seven asterisks. Below the password field is a grey button with the text "Submit". Further down, there is a link that says "Not have an account?" followed by a grey button with the text "sign-up". At the bottom of the form, the text "PLEASE FILL OUT OF THE FORM" is displayed in a smaller, black, sans-serif font.

Login

Email

19cs099@kcgcollege.com

Password

Submit

Not have an account?

sign-up

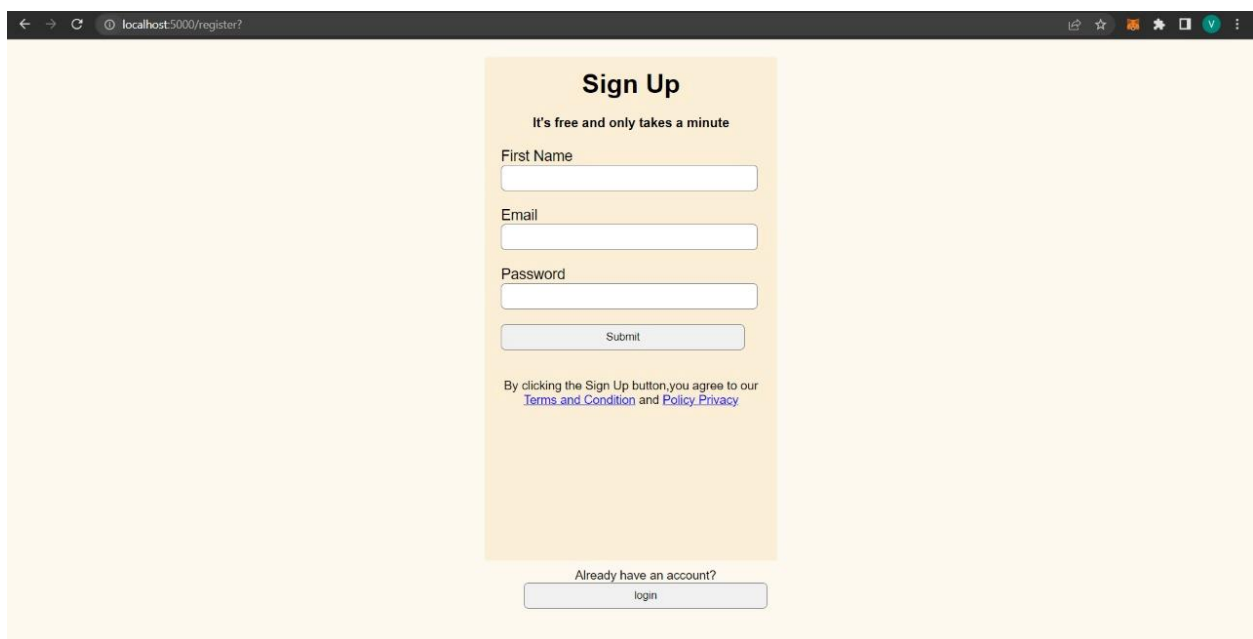
PLEASE FILL OUT OF THE FORM

CHAPTER 9

RESULTS

9.1 Performance Metrics

REGISTER:



The screenshot shows a web browser window with the address bar displaying "localhost:5000/register?". The page has a light yellow background. In the center, there is a white rectangular box containing the "Sign Up" form. The form includes the following elements:

- Sign Up** (Section Header)
- It's free and only takes a minute** (Text)
- First Name** (Text label) followed by a text input field.
- Email** (Text label) followed by a text input field.
- Password** (Text label) followed by a text input field.
- Submit** (Text button)
- A paragraph: "By clicking the Sign Up button, you agree to our [Terms and Condition](#) and [Policy Privacy](#)"

Below the white box, centered on the yellow background, is the text "Already have an account?" followed by a "login" button.

LOGIN

Login

Email

19cs099@kcgcollege.com

Password

Submit

Not have an account?

sign-up

PLEASE FILL OUT OF THE FORM


DASHBOARD

← → ↺ localhost:5000/login#tehnology

News34 General Business Sports Technology Entertainment

Search news Search


Technology



ExpressBasics: How to run polls on WhatsApp's personal and group chats - The Indian Express
2022-11-19

WhatsApp Polls are incredibly useful among group chats where a lot of decisions are taken around work or other plans. Here's how to start using it.


[Read more](#)



Pokemon Scarlet and Violet: How to relearn old moves - Sportskeeda
2022-11-19

With Pokemon Scarlet and Violet, Game Freak introduced a number of features and mechanics that improve and build upon earlier ones.


[Read more](#)



Oppo A17K gets a price cut: Check new price and offer | Mint - Mint
2022-11-19

The Oppo A17K comes in a sole variant of 3GB RAM with 64GB ROM. This smartphone was launched this year back in October at a price of ₹10,499. After the price drop, customers can now buy it for ₹9,999. The Oppo smartphone comes in two colour options which ar...





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The Pixel 7 Pro Won Me Over at First. Here's What I Think 1 Month Later - CNET
2022-11-19

After using Google's newest flagship phone for 30 days, I have more insights to share in my review.

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SEARCH NEWS:


← → ↻ localhost:5000/login#tehnology

News34 Genral Business Sports Technology Entertainment

twitter

Search


Search : twitter



Download Your Tweets Before Quitting Twitter
2022-11-14

Planning to leave Twitter? It's not a bad idea. But before you start to delete your Twitter account, do yourself a favor and download your tweets for yourself. Fortunately, Twitter does a good job of making it fairly easy. Instead of a text file, you'll get a...


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Beware the Distraction of the Twitter Mob Campaign
2022-10-21

A kerfuffle over Bayonetta voice actor Hellena Taylor's pay reveals the often hollow structure of social media activism.


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Twitter might get a native payment system
2022-11-10

In 2021, Twitter launched an in-app tipping feature that people can use to send money to creators, but it needs to be connected to a third-party payment processor to work. If Elon Musk's vision for the social network comes true, though, Twitter may have a pay...





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Engadget Podcast: Elon Musk's Twitter fiasco
2022-11-04

Well, it finally happened: Elon Musk has officially taken over Twitter. This week, Cherlynn and Devindra are joined by Engadget's Karissa Bell to discuss how Musk is reshaping the social network. Are all the changes bad, or is there some method to his madness...

Read more



CHAPTER 10

ADVANTAGES & DISADVANTAGES

Advantages:

1. The user will be updated

The application fetches the news from the API which Rapidly updates the news.

2.Saves time

The news were shown in a card like API so that the user skim the news very easily.

3.Domain switch

The user can switch between the domains very easily as Ui is made for that process.

4.Minimal Add

The add disturbance will be minimal.By swithcing to premium account we can avoid the adds totally.

Disadvantages:

1. There may be server problem due to over load.
2. There is add eventhough it is minimum
3. Irrelevant news can be shown sometimes.

CHAPTER 11

CONCLUSION

This application is entirely user control. And this application helps the user to keep them updated. Many of the features are customized. User can change their news domains as per their interest.

CHAPTER 12

FUTURE SCOPE

1. It will have Notification system.
2. It will have premium account switching option.
3. There will be a admin to check the authenticity of news.
4. News will be displayed based on age restriction.

CHAPTER 13

APPENDIX

Source Code

GitHub : <https://github.com/IBM-EPBL/IBM-Project-12780-1659464121.git>

Project Demo Link:

https://drive.google.com/file/d/1cMDPf_eoo2s7nRj6_R2SfILcbtSbG6R2/view?usp=share_link