

# **NEWS TRACKER APPLICATION**

**Team ID : PNT2022TMID12465**

**KARPAGAM COLLEGE OF ENGINEERING**

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Source Code

## NEWS TRACKER APPLICATION

### Literature Survey:

Title	Author	survey
<p>Breaking News Detection and Tracking in Twitter</p> <p>Year:2010</p>	<p>Swit Phuvipadawat, Tsuyoshi Murata</p>	<p>Twitter has happened secondhand all at once of the communication channels for extendedbreaking information. We suggest a means to collect, group, rank and path breaking information inTwitter. Since short distance ideas make correspondence contrasting troublesome, we boost scoreson correct nouns to develop the grouping results. Each group is ordered established recognitionand dependability factors.An request named “Hot stream” established the projected method.</p>
<p>Following the Fed with a News Tracker</p> <p>Year:2012</p>	<p>Michael W. McCracken</p>	<p>This process forecasting either the Fed will change allure procedure depends on havingan understanding of either the arriving dossier have happened more forceful or feeblertanwonted. Understanding the data at this insight is difficult</p>
<p>Exploring mobile news reading interactions for news app personalization</p> <p>Year: 2015</p>	<p>Marios Constantinides, John Dowell, David Johson, Sylvain Malacria</p>	<p>Identification of news reader types. Deployment and data collection. Interaction logging and classification study</p>

<p>Detection and Tracking in News Articles</p> <p>Year: 2015</p>	<p>Sagar Patel, Sanket Suthar, Sandip Patel, Neha Patel</p>	<p>The paper is not a technical paper but is essentially a statistical paper on how should one conclude whether the data have come in stronger, weaker or as expected. This is based on the CitiGroup U.S Economic Surprise Index</p>
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Efficient

easy to use

Cozy

Time Efficient

Quick response

*a a ey*

what friends say

what boss say

what influencers say

Convenient  
App

All-in-One

Extremely  
useful

Customize  
their  
profile

Register an  
Account

Browse  
through  
the  
website

Read news

Need of  
Internet  
Connection

Bad for  
eyes (long  
term)

Decreases  
mobile  
battery.

## Ideation Phase Brainstorm & Idea Prioritization Template

Date	3 rd November 2022
Team ID	PNT2022TMID12465
Project Name	Project - News Tracker Application
Maximum Marks	4 Marks

### Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 10 minutes to prepare
- 1 hour to collaborate
- 2-8 people recommended

[Share template feedback](#)

#### Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

10 minutes

- Team gathering**  
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.
- Set the goal**  
Think about the problem you'll be focusing on solving in the brainstorming session.
- Learn how to use the facilitation tools**  
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#)

#### 1 Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

5 minutes

Tip

Low-fidelity ideas to read online while on travel but without hassles of carrying hard copies

Key rules of brainstorming

To run a smooth and productive session

- Stay in topic
- Encourage wild ideas
- Defer judgment
- Listen to others
- Go for volume
- If possible, be visual

#### 2 Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

Tip

Use the session's sticky notes to capture ideas and group them into clusters.

Key terms

Key terms

Key terms

Key terms

#### 3 Group ideas

Now turn sharing your ideas into clustering similar or related ideas as you go. Once all sticky notes have been grouped, give each cluster a sentence for label. If a cluster is large, have one sticky note for each and place it up into smaller sub-groups.

10 minutes

Tip

Use the session's sticky notes to capture ideas and group them into clusters.

News Tracker Application

#### 4 Prioritize

Your team should all be on the same page about what's important, moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

10 minutes

Tip

Remember, you can't do everything. Prioritize your ideas and focus on the most important ones.

Importance

Feasibility

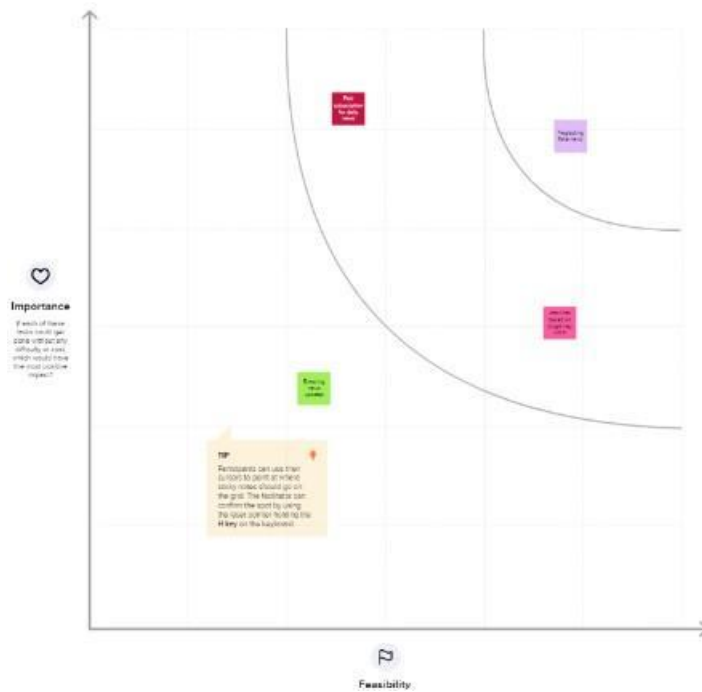


4

### Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes



5

### After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

#### Quick add-ons

1. **Share the mural**  
Share a view link to the mural with collaborators to keep them in the loop about the outcomes of the session.
2. **Export the mural**  
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save to your drive.

#### Keep moving forward

- Strategy blueprint**  
Derive the components of a new idea or strategy.  
[Open the template](#)
- Customer experience (journey) map**  
Understand customer needs, motivations, and obstacles for an experience.  
[Open the template](#)
- Strengths, weaknesses, opportunities & threats**  
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.  
[Open the template](#)

[Share template feedback](#)

## Ideation Phase

### Define the Problem Statements

Date	4 <sup>th</sup> November 2022
Team ID	PNT2022TMID12465
Project Name	News Tracker Application
Maximum Marks	2 Marks

#### Customer Problem Statement Template:

Create a question charge to think your customer's viewpoint. The Customer Problem Statement motif helps you devote effort to something what matters to generate knowledge people like. A well-connected consumer question declaration admits you and your team to find the ideal resolution for the challenges your consumers face. Throughout the process, you'll likewise able to have or do empathize with your consumers, that helps you better learn by virtue of what they see your product or aid.

<b>I am</b>	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
<b>I'm trying to</b>	List their outcome or "job" the care about - what are they trying to achieve?	List the thing they are trying to achieve here
<b>but</b>	Describe what problems or barriers stand in the way - what bothers them most?	Describe the problems or barriers that get in the way here
<b>because</b>	Enter the "root cause" of why the problem or barrier exists - what needs to be solved?	Describe the reason the problems or barriers exist
<b>which makes me feel</b>	Describe the emotions from the customer's point of view - how does it impact them emotionally?	Describe the emotions the result from experiencing the problems or barriers

#### Problem Statement:

I am	I'm trying to	But	Because	Which makes me feel
I am Student	I'm trying to read particular news specs of data	But the articles are unrelated to the search content	Because of poor stabilization of networks of news	Which makes me lose the motivation of learning

<b>Problem Statement (PS)</b>	<b>I am (Customer)</b>	<b>I'm trying to</b>	<b>But</b>	<b>Because</b>	<b>Which makes me feel</b>
PS-1	I am Student	To find news related to my courses of knowledge	But it becomes unstable and unwanted	Because of poor stabilization of networks of news	Which makes me lose the motivation of learning
PS-2	I am blogger	I'm trying to read particular news specs of data	But the articles are unrelated to the search content	Because of unoptimized options present in the web page	Which makes me feel its inadequate of news

## 2. JOBS-TO-BE-DONE / PROBLEMS

- All the news needs to be summarized
- Providing the accurate and reliable news

## 9. PROBLEM ROOT CAUSE

R  
C

- Fake news among the people

## 7. BEHAVIOUR

B  
E

- User need to install the application from a verified server
- Needs internet facility throughout the application

12  
46  
5

C

Identify strong TR & EM	<b>3. TRIGGERS</b> <span>TR</span> User can send latest news to their neighbors and the entire community can stay updated	<b>10. YOUR SOLUTION</b> <span>SL</span>  User can get only the exact and they don't need to be worried about fake news	<b>8.CHANNELS of BEHAVIOUR</b> <span>CH</span> <b>8.1     Online:</b> User can do anything in this app while being online <b>8.2     Offline:</b> In offline users need to allocate time reading newspaper
	<b>4. EMOTIONS: BEFORE / AFTER</b> <span>EM</span>  <b>Before :</b> User may get stressed while reading the news <b>After :</b> User are well informed and they will stay updated		

**Project Design Phase-I**  
**Proposed Solution**

Date	5 November 2022
Team ID	PNT2022TMID12465
Project Name	Project – News Tracker Application
Maximum Marks	2 Marks

**Proposed Solution :**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<p>The majority of people dislike carrying around a newspaper. Some people want to just receive updates on the topics they are interested in.</p> <p>Due to their hectic schedules, users cannot access the most recent news. and a great deal of bogus news is circulated. An app for sharing news aims to make it simpler for users to access pertinent news and to make it evident that the material is accurate and was acquired from reliable sources.</p>
2.	Idea / Solution description	<p>We shall be aware of the user's interests and disinterests in order to provide them with the pertinent content they require. By offering the news feed feature, which contains brief, rapid news that saves the user time. Users should be able to tailor their region of interest and receive news whenever they want thanks to an application that is currently being developed. It gathers news from all the trustworthy sources and divides it into several categories for the greatest user experience.</p>
3.	Novelty / Uniqueness	<ol style="list-style-type: none"><li>1. Rather than reading all the news, a user can read the news only in the fields in which they are interested.</li><li>2. Designing a user experience that is appealing to clients and delivering significant news headlines with more information.</li></ol>

4.	Social Impact / Customer Satisfaction	<p>Providing customers with a user interface that is appealing and important News Headlines with more information. Additionally, because we deliver succinct news, users save time.</p> <p>Regular app users will become more mindful of their surroundings. Keep individuals well- informed and assist them in quickly consuming trustworthy information.</p>
5.	Business Model (Revenue Model)	<p>We should include advertisements in the application so that we can receive funding from companies that sponsor the ads. Additional</p> <p>advertising could annoy the user.</p>

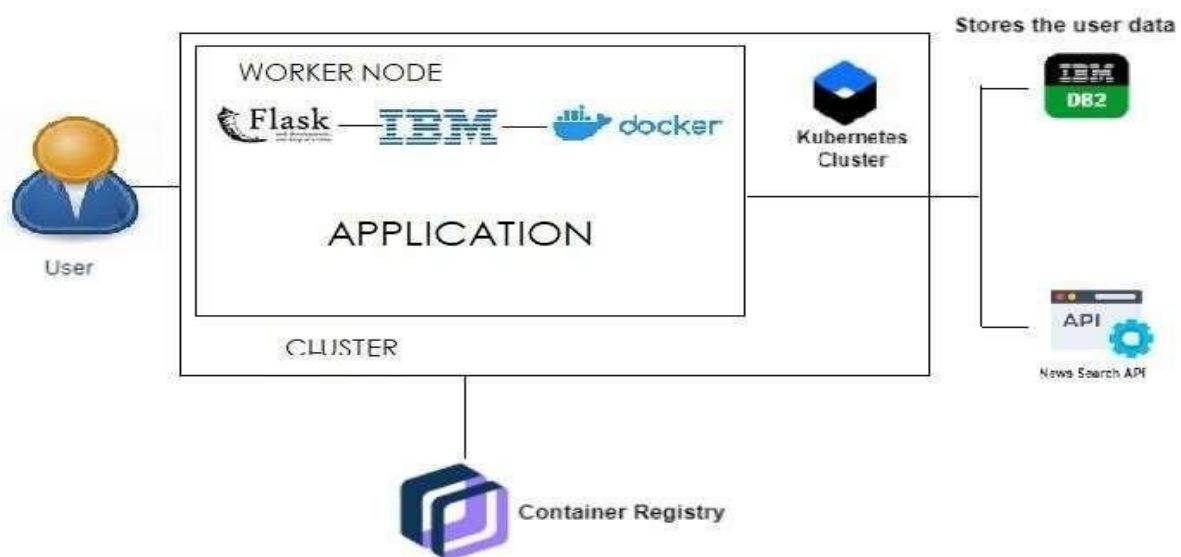
6.	Scalability of the Solution	<p>One of the criteria for measuring how well cloud services are used by enterprises is scalability.</p> <p>By enhancing resource allocation and adapting to changing needs without compromising the effectiveness or calibre of our internal operations and customer service, cloud scalability will help to grow the user base. delivering timely, accurate news while fostering strong bonds with your clients.</p>
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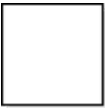




**PROJECT DESIGN PHASE 1**  
**SOLUTION ARCHITECTURE**

Date	5-11-2022
Team ID	PNT2022TMID12465
Project Name	NEWS TRACKER APPLICATION
Maximum Marks	4 Marks

**Solution Architecture Diagram:**



<div>Customer Journey Map for News Tracker Application</div> <div>SCENARIO Browsing, booking, attending, and rating a local city tour</div>	<div></div> <div>Visit and Sign Up</div> <div>How does someone initially become aware of this process?</div>	<div></div> <div>Login</div> <div>What do people experience they begin process?</div>
<div></div> <div>Steps</div> <div>What does the person (or group) typically experience?</div>	<div><div>Visit News Application</div><div>Unregistered Users read the various listed pages</div></div> <div><div>Browse News Articles</div><div>Users can browse the headlines and detailed news</div></div> <div><div>View Headlines &amp; Details</div><div>Users can sign up for the application and explore the news articles</div></div> <div><div>Sign up</div><div>Users can through</div></div>	<div><div>Login to application</div><div>User login the the a</div></div>
<div></div> <div>Interactions</div> <div>What interactions do they have at each step along the way?</div> <div><div>■ People: Who do they see or talk to?</div><div>■ Places: Where are they?</div><div>Things: What digital touchpoints or physical objects would they use?</div></div> <div></div>	<div><div>User interacts with the news listings to</div><div>User interacts with up module to sign articles</div><div>User interacts sign up with the application read the</div></div> <div><div></div><div></div><div></div></div>	<div><div>User inte with the ne dashboard.</div></div> <div><div></div></div>

<p><b>Goals &amp; motivations</b></p> <p>At each step, what is a person’s primary goal or motivation? (“Help me...” or “Help me avoid...”)</p>	<p>Help me be time informed about clear information.</p> <p>Help me get consuming happenings. articles.</p> <p>Help avoid crisp &amp;</p>	<p>Help reg users get users based trending news.</p>
<p><b>Positive moments</b></p> <p>What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?</p>	<p>Providing preferences at the time of registration and ( Personalization )</p> <p>Engagement of user with the help of comments likes.</p>	<p>Active eng because o news prefer</p>
<p><b>Negative moments</b></p> <p>What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?</p>	<p>Fear of missing out important news.</p> <p>Unfiltered sensitive news can bring anxiety.</p>	<p>Unregiste out ma important topics of interest</p>
<p><b>Areas of opportunity</b></p> <p>How might we make each step better? What ideas do we have? What have others suggested?</p>	<p>registered content</p> <p>Allow user to search for topics of interest,</p> <p>Provide users with based on his/her preference.</p>	<p>Provide option which C select</p>

## Project Design Phase-II

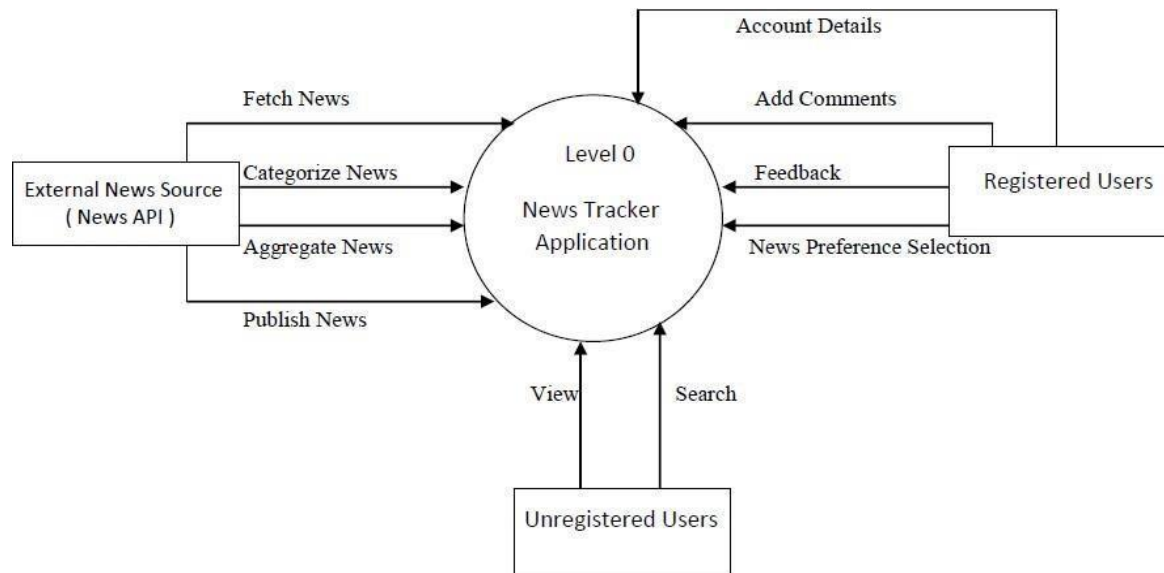
### Data Flow Diagram & User Stories

Date	6 November 2022
Team ID	PNT2022TMID12465
Project Name	News Tracker Application
Maximum Marks	4 Marks

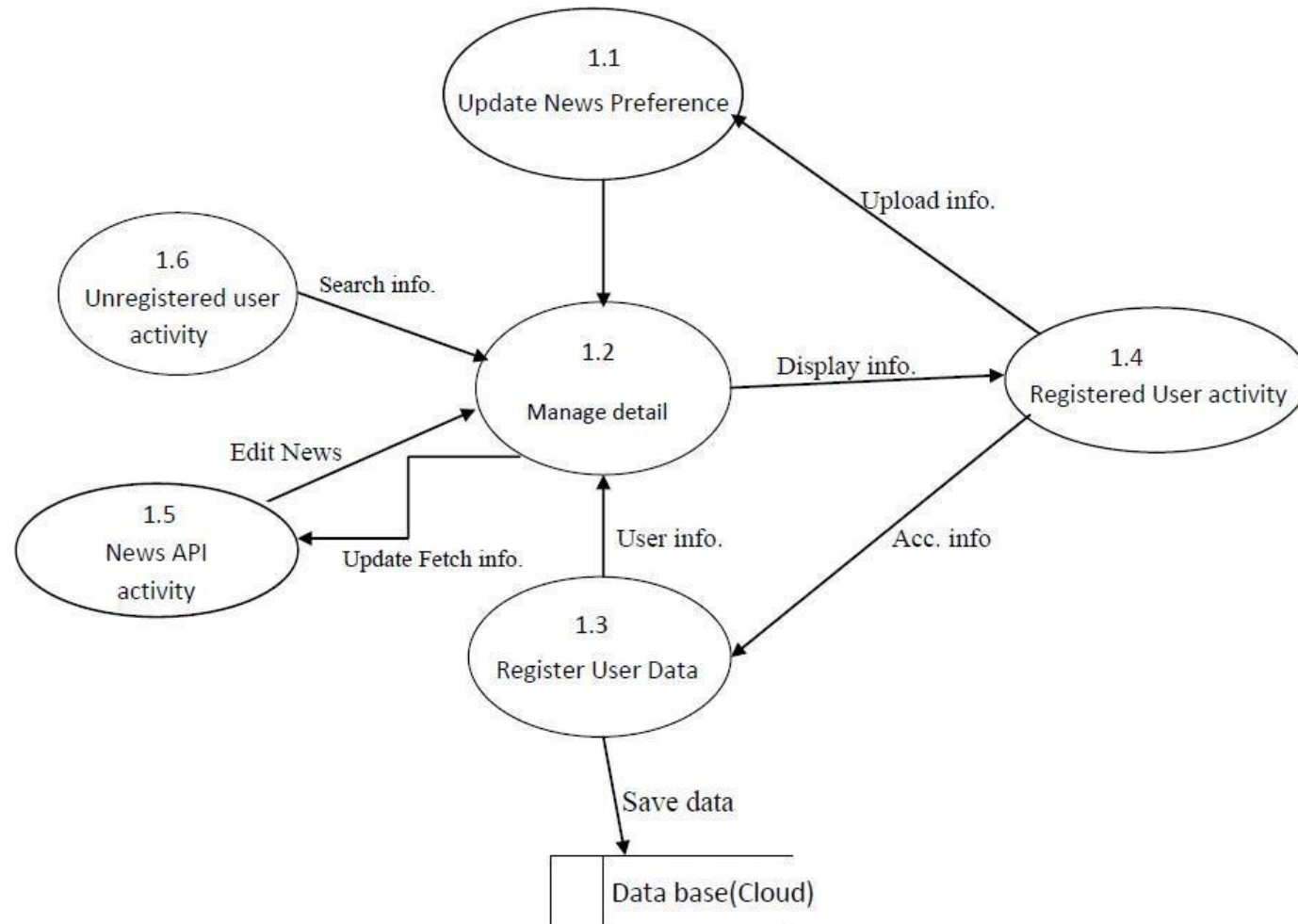
#### Data Flow Diagrams:

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.

#### Level 0 - Data Flow Diagram:



## Level 1 - Data Flow Diagram:



## 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
Registered Customer (Web 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 Gmail	I can receive confirmation emails & password reset emails.	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password.	I can access my account / dashboard	High	Sprint-1
	Log out	USN-5	As a user, I can log out of the web app.	I can log out when not in use.	High	Sprint-1
	Dashboard	USN-6	As a logged user, I can view articles of my preference on my dashboard.	I can view articles based on content preferences given at the time of registration.	High	Sprint-2
	Reset Password	USN-7	As a registered user I can reset my password, so that I can login again when I forget I forget my password	I can receive a reset password link via email.	High	Sprint-2
	Post Comment	USN-8	As a logged user, I can add comments to a news article.	I can view comments posted by other users and add comments.	High	Sprint-2

	Share article	USN-9	As a logged user, I can share an article in social media (Google).	I can share information with peers on social media.	Medium	Sprint-3
	Search article	USN-10	As a logged user, I can search / view articles on specific topics.	I can view articles on topics of question.	High	Sprint-3
Unregistered Customer (Web user)	View article	USN-11	As an unregistered user, I can view articles that are trending.	I can view recent & trending articles.	High	Sprint-3
	Search article	USN-12	As an unregistered user, I can search articles on specific topics.	I can view articles on topics of question.	High	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
External Source (API)	News Retrieval	USN-13	As an external system, it can return content based on parameters received in the request.	It can provide results based on request query.	High	Sprint-4
	Categorize news	USN-14	As an external system, it can categorize news based on topics.	It can split content based on a given parameter.	High	Sprint-4
	Aggregate news	USN-15	As an external system, it can aggregate news on similar topics.	It can group content based on a given parameter.	High	Sprint-4
	Publish news	USN-16	As an external system, it can fetch and publish news from sources.	It can gather content from news sources.	High	Sprint-4



**Project Design Phase-II**  
**Solution Requirements (Functional &**  
**Non-functional)**

Date	03 October 2022
Team ID	PNT2022TMID01417
Project Name	Project -NEWS Tracker Application
Maximum Marks	4 Marks

**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
FR-2	User Confirmation	Confirmation via Email
FR-3	User Login	Login Via Email ID & Password
FR-4	Home Page	Shows the NEWS Headlines.
FR-5	Tracker Page	Shows the NEWS elaboratively when the NEWS Headline of the Home page is clicked.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Our Website is used to Read News and gain Knowledge according to user's interest.
NFR-2	<b>Security</b>	User can only login with their own Email ID and password without their Email and password no one can use the App.
NFR-3	<b>Reliability</b>	Our Website delivers the reliable content only from NEWS API.
NFR-4	<b>Performance</b>	It is a high performable App with friendly User Interface and shares lot of information without any Issues.
NFR-5	<b>Availability</b>	Our Website is supported with all search Engine so it will Avail for User at any time.

NFR-6	<b>Scalability</b>	This Website is built with high data storage capacity,processing power and networking can all be scaled using cloud computing. Infrastructure.scaling can be done quickly and easily.
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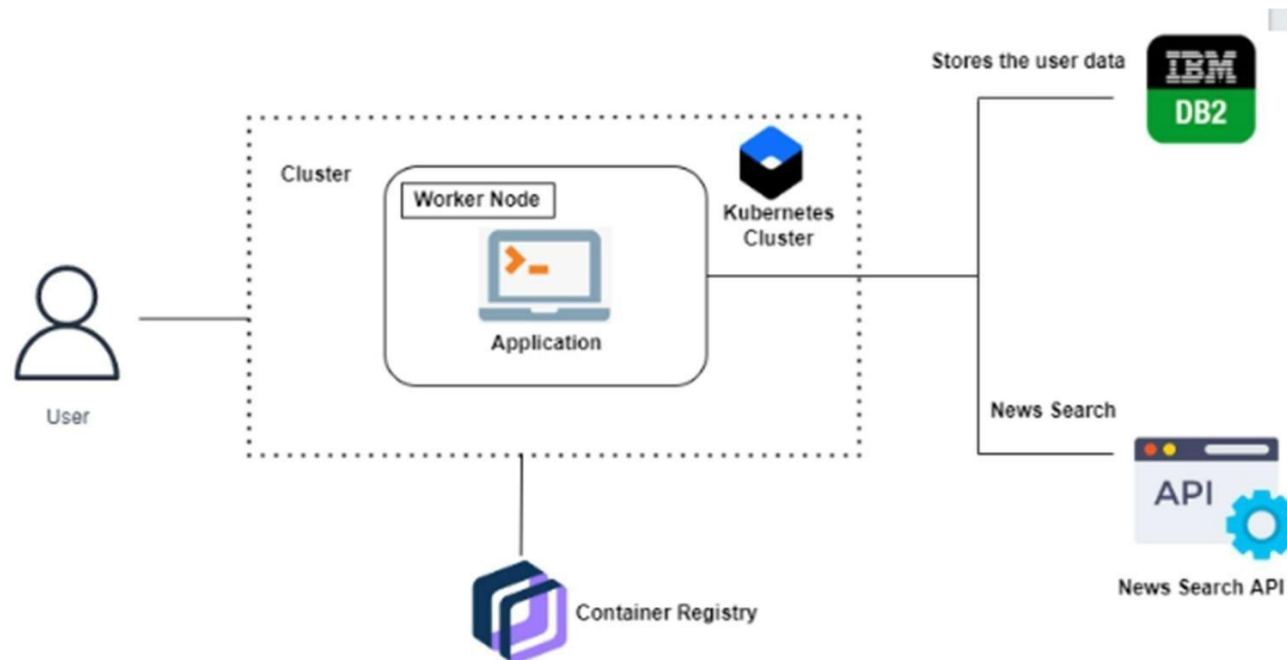
**Project Design Phase-II  
Technology Stack (Architecture &  
Stack)**

Date	6 November 2022
Team ID	PNT2022TMID12465
Project Name	Project – News Tracker Application
Maximum Marks	4 Marks

**Technical Architecture:**

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

**Example: News Tracker Application**



**Table-1 : Components & Technologies:**

<b>S.No</b>	<b>Component</b>	<b>Description</b>	<b>Technology</b>
1.	User Interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	Logic for a process in the application	Java / Python
3.	Application Logic-2	Logic for a process in the application	IBM Watson STT service
4.	Application Logic-3	Logic for a process in the application	IBM Watson Assistant
5.	Database	Data Type, Configurations etc.	MySQL, NoSQL, etc.
6.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
7.	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem
8.	External API-1	Purpose of External API used in the application	IBM Weather API, etc.
9.	External API-2	Purpose of External API used in the application	Aadhar API, etc.
10.	Machine Learning Model	Purpose of Machine Learning Model	Object Recognition Model, etc.
11.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Cloud Server Configuration :	Local, Cloud Foundry, Kubernetes, etc.

**Table-2: Application Characteristics:**

<b>S.No</b>	<b>Characteristics</b>	<b>Description</b>	<b>Technology</b>
1.	Open-Source Frameworks	List the open-source frameworks used	Technology of Opensource framework
2.	Security Implementations	List all the security / access controls implemented, use of firewalls etc.	e.g. SHA-256, Encryptions, IAM Controls, OWASP etc.
3.	Scalable Architecture	Justify the scalability of architecture (3 – tier, Micro-services)	Technology used
4.	Availability	Justify the availability of application (e.g. use of load balancers, distributed servers etc.)	Technology used
5.	Performance	Design consideration for the performance of the application (number of requests per sec, use of Cache, use of CDN's) etc.	Technology used

### MILESTONE & ACTIVITY LIST

Date	8 November 2022
Team ID	PNT2022TMID12465
Project Name	News Tracker Application
Maximum Marks	4 Marks

### MILESTONE

<b>Setting up Application Environment</b>	M-01	To install and setup Flask in virtual environment	Yes
		Create IBM account to access IBM services( IBM DB2, chatbot, object storage)	Yes
		Install IBM Cloud CLI	Yes
		Install Docker and Docker CLI	Yes
		Create account in SendGrid and use it for transactions and email delivery.	Yes

<b>Implementing Web Application</b>	M-02	Create UI to interact with application - 1. Registration Page 2. Login Page 3. Dashboard	No
		Create IBM DB2 and connect with python.	Yes
<b>Deployment of App in IBM Cloud</b>	M-03	Create Docker image for Flask App, Upload image to container registry and deploy on Kubernetes	No
<b>Ideation Phase</b>	M-04	Prepare Literature Survey, Empathy Map and Ideation.	Yes
<b>Project Design Phase-I</b>	M-05	Prepare Proposed solution , problem-solution fit and Solution Architecture	Yes
<b>Project Design Phase-I</b>	M-06	Prepare Customer journey ,functional requirements,Data flow diagram and Technology Architecture	Yes
<b>Project Planning Phase</b>	M-07	Prepare Milestone list , Activity list and Sprint Delivery Plan	Yes
<b>Project Development Phase</b>	M-08	Project Development delivery of Sprint 1, Sprint 2, Sprint 3, Sprint 4	No

### ACTIVITY LIST

ACTIVITY NUMBER	ACTIVITY	SUB ACTIVITY	ASSIGNED TO	STATUS
1.	SETTING UP APPLICATION ENVIRONMENT	1.1 To install and setupFlask in virtual environment 1.2 Create IBM accountto access IBM services( IBM DB2, chatbot,object storage) 1.3 Install IBM Cloud CLI 1.4 Install Docker andDocker CLI 1.5 Create account in SendGrid and use it fortransactions and email delivery.	All Members	Completed
2.	IMPLEMENTING WEB APPLICATION	2.1 Create UI tointeract with application - 2.1. 1. RegistrationPage 2.1.2 Login PageDashboard  2.2 Create IBM DB2and connect with python.	All Members	In Progress
3	DEPLOYMENT OFAPP IN IBM CLOUD	Create Docker image for FlaskApp, Upload image to containerregistry and deploy on Kubernetes	All Members	In Progress



4	<b>IDEATION PHASE</b>	4.1 LiteratureReview. 4.2 Empathy map. 4.3 Ideation.	All Members	Completed
5	<b>PROJECT DESIGN PHASE – I</b>	5.1 ProposedSolution 5.2 Problem SolutionFit. 5.3 Solution Architecture	All Members	Completed
6	<b>PROJECT DESIGN PHASE - II</b>	6.1 Customer journey. 6.2 Functional requirement. 6.3 Data flow Diagrams. 6.4 Technology Architecture.	All Members	Completed

7	<b>PROJECT PLANNINGPHAS E</b>	<p>7.1 Prepare milestonesand activitylists.</p> <p>7.2 Sprint deliveryplan.</p>	All Members	Completed
8	<b>PROJECT DEVELOPMENT PHASE</b>	<p>8.1 Project development-Delivery ofSprint-1.</p> <p>8.2 Project development-Delivery ofSprint-2.</p> <p>8.3 Project development-Delivery ofSprint-3.</p> <p>8.4 Project development-Delivery ofSprint-4.</p>	All Members	In Progress

**PROJECT PLANNING PHASE**  
**Project Planning (Product Backlog, Sprint Planning, Stories, Story points)**

Date	8 November 2022
Team ID	PNT2022TMID12465
Project Name	Project – News Tracker Application
Maximum Marks	8 Marks

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Member
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	Ajay Santhosh K
Sprint-1		USN-3	As a user, I can register for the application By choosing google account as well.	5	Medium	Ajay Santhosh k v
Sprint-1	Login	USN-4	As a user, I can login into the application by entering email & password	5	High	Ajay Santhosh K
Sprint-2	Dashboard	USN-5	As a user, I can choose the interest and choices of news I want to see for the first time in dashboard.	10	High	Akshay Kanna S
Sprint-2	Dashboard User Interface	USN - 11	Administrator designing the user interface	10	Medium	Akshay Kanna S
Sprint-3		USN-6	As a user I can go through the feed of news filtered according to my wish.	10	High	Dhivakara KavinRaj M
Sprint-3		USN-7	As a user, I can logout my account in settings.	10	Medium	Dhivakara KavinRaj M

Sprint-4		USN-8	As a user, I can update my interest and choice in account settings.	10	Medium	Sai Dakshin R S
Sprint-4	Chat bot / Query	USN-9	Solve issues brought up by client	5	Medium	Sai Dakshin R S
Sprint-4		USN-10	Roll out updates and bug fixes	5	High	Sai Dakshin R S

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	3 Days	30 Oct 2022	01 Nov 2022	20	01 Nov 2022
Sprint-2	20	3 Days	02 Oct 2022	04 Nov 2022	20	05 Nov 2022
Sprint-3	20	4 Days	05 Nov 2022	08 Nov 2022	20	12 Nov 2022
Sprint-4	20	5 Days	09 Nov 2022	13 Nov 2022	20	19 Nov 2022

**Velocity :**

Imagine we have 10 – days 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).

**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 Serum. However, burn down charts can be applied to any project containing measurable progress over time.

```

<!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>SignUp</title>
  <link rel="Stylesheet" href="index.css">
</head>
<body>
  <nav>
    <ul class="navigation">
      <div class="brand">
      <!-- Making menu icon clickable to display the navigation menu on smaller screens -->
        <i onclick="navToggle()" id="nav-icon" class="fa fa-navicon" style="font-size:24px"></i>
      </div>

      <div id="toggle" class="nav-container">
        <a class="left" href="/Login/news.html"><li>GO BACK HOME</li></a>
      </div>
    </ul>
  </nav>
  <!-- NAVIGATION END HERE -->

  <section class="form">
    <div class="center">
      <h1>JOIN OUR <b style="color: #daa800 ;">NEWS TRACKING APPLICATION</b> TO KNOW ABOUT THE WORLD
NEWS</h1>
      <hr width="20%" style="border: 1px solid #daa800;">

```

<br>

<form action="">

<input class="name-surname" type="text" name="name" placeholder="Name">

<input class="name-surname" type="text" name="surname" placeholder="Surname"><br>

<input type="text" name="email" placeholder="Email"><br>

<div class="checkbox">

<h3 style="color: #daa800 ;"><span>SELECT WHAT NEWS YOU NEED FROM THOSE LIST</span></h3>

<input type="checkbox" name="Categories" id="p1">

<label for="p1">World News</label>

<input type="checkbox" name="Categories" id="p2">

<label for="p2">Weather News</label><br>

<input type="checkbox" name="Categories" id="p3">

<label for="p3">Sports</label>

<input type="checkbox" name="Categories" id="p4">

<label for="p4">Tecnology</label><br>

<input type="checkbox" name="Categories" id="p5">

<label for="p5">Political News</label>

<input type="checkbox" name="Categories" id="p6">

<label for="p6">Trending Today</label> <br><br>

</div>

<br> <input type="password" name="password" placeholder="Password"><br>

<input type="password" name="conf\_password" placeholder="Confirm Password"><br>

<button formaction="/Login/news.html">JOIN</button>

<p>Already have an account? <a href="/Login/login.html">Login Here</a></p>

</form>

</div>

```
</section>
```

```
<!-- FOOTER STARTS HERE -->
```

```
<footer>
```

```
  <div class="footer_container">
```

```
    <p class="bottom_text">Company Name™ - Copyright © 2018 All Rights Reserved.</p>
```

```
  </div>
```

```
</footer>
```

```
<!-- FOOTER ENDS HERE -->
```

```
</body>
```

```
</html>
```

```
@import url('https://fonts.googleapis.com/css?family=Abel');
```

```
body {
```

```
  background-color: #101010;
```

```
  font-family: 'Abel', sans-serif;
```

```
  color: #333;
```

```
  margin: 0;
```

```
}
```

```
a {
```

```
  color: #daa800;
```

```
  text-decoration: none;
```

```
  transition: 1s;
```

```
}
```



```
a:hover {  
  text-decoration: none;  
  color: #daa800;  
  opacity: 0.8;  
  transition: 1s;  
}
```

```
p {  
  color: #cacaca;  
}
```

```
h1 {  
  font-weight: normal;  
}
```

```
/* ===== */
```

```
section.form {  
  opacity: 1;  
  background-color: transparent;  
  padding: 20px;  
  text-align: center;  
    color: #cacaca;  
}
```

```
.center {  
  margin-right: auto;  
    margin-left: auto;
```

```
    display: block;
    width: 400px;
    margin-top: 100px;
    margin-bottom: 60px;
}
```

```
input {
  opacity: 0.3;
  border-radius: 20px;
  padding: 10px;
  width: 80%;
  display: block;
  margin-right: auto;
  margin-left: auto;
  margin-bottom: 10px;
  box-shadow: none;
  color: #fff;
  border: none;
  background-color: #5d5d5d;
  transition: 1s;
  border: 2px solid transparent;
}
```

```
input:focus, input:hover {
  transition: 1s;
  border: 2px solid #5d5d5d;
  background-color: transparent;
}
```

```
.name-surname {
  width: 36%;
  display: inline;
}

.checkbox{
  display: flex;
  flex-wrap: wrap;
  align-items: center;
  justify-content: center;
}

input[type="checkbox"]{
  -webkit-appearance: none;
  appearance: none;
  display: none;
}

label{
  position: relative;
  display: block;
  padding: 2px 25px;
  border-radius: 20px;
  text-align: center;
  line-height: 30px;
  color:#cacaca;
  margin: 4px;
  font-family: 'poppins',sans-serif;
  transition: .2s;
  background-color: transparent;
}

label::after{
```

```
content: "";
position: absolute;
top: -2px;
left: -2px;
width: 100%;
height: 100%;
z-index: -1;
border: 2px solid orange;
border-radius: 20px;
transform: scale(.9);
opacity: 0;
transition: .2s;
}
input:checked + label::after{
  border-color: #daa800;
  opacity: 1;
  transform: scale(1);
}
input:checked + label{
  color: #daa800;
  border: none;
  background: none;
}
button {
  width: 86%;
  border-radius: 20px;
  background-color: #cacaca;
  margin-left: auto;
  margin-right: auto;
```

```
display: block;
box-shadow: none;
text-shadow: none;
border: none;
padding: 10px;
font-family: 'Abel', sans-serif;
transition: 1s;
}
```

```
button:hover {
  background-color: #daa800;
  transition: 1s;
}
```

```
/* ===== */
```

```
/* FOOTER STARTS HERE */
```

```
footer {
  background-color: #020202;
  color: #fff;
  width: 100%;
}
```

```
.footer_container {
  padding: 20px;
  text-align: center;
  float: none;
}
```

```
.footer_container .bottom_text {  
    font-size: 14px;  
    text-transform: uppercase;  
}
```

```
.social_icons {  
    margin-left: auto;  
    margin-right: auto;  
    display: block;  
}
```

```
/* FOOTER ENDS HERE */
```

```
/* NAVIGATION STARTS HERE */
```

```
.navigation {  
    margin: 0;  
}
```

```
.brand { /* Your brand logo */  
    border-right: 0.5px solid #555555;  
    font-size: 16px;  
    line-height: 50px;  
    display: inline;  
    margin-right: 30px;  
    padding-right: 40px;  
}
```

```
.nav-container {  
    display: inline;  
}
```

```
/* Added font-size: 0; to get rid of the space between lists */
```

```
nav {  
  width: 100%;  
  background-color: #1c1c1c;  
  margin: 0;  
  font-size: 0;  
  padding-left: 10px;  
  padding-right: 10px;  
  color: #fff;  
  position: fixed;  
  z-index: 1;  
}
```

```
/* Declaring font-size for the anchor element to be 16px since it is 0 on the above code */
```

```
nav a {  
  font-size: 16px;  
}
```

```
ul {  
  display: inline;  
  margin: 0;  
  overflow: hidden;  
  list-style-type: none;  
}
```

```
/* Adding background color to the li element and vertically centering the words in the li element */
```

```
ul li {  
  display: inline;
```

```
margin: 0;
padding: 14px;
line-height: 50px;
background-color: #1c1c1c;
transition: 1s;
}
```

```
ul li:hover {
  transition: 1s;
  background-color: transparent;
}
```

```
ul a { /* Removing the 'underline' from the link */
  text-decoration: none;
}
```

```
ul a:hover { /* Removing the 'underline' from the link on the 'hover effect' */
  text-decoration: none;
}
```

```
ul a li {
  display: inline;
  text-decoration: none;
  color: #fff;
  margin: 0;
  text-transform: uppercase;
  background-color: transparent;
  transition: 1s;
}
```



```
ul a li:hover {  
  transition: 1s;  
  background-color: #101010;  
  color: #daa800 ;  
}
```

```
.left {  
  float: right;  
  margin-right: 30px;  
}
```

```
#nav-icon {  
  display: none;  
  transition: 1s;  
}
```

```
@media only screen and (max-width: 816px) {  
  nav, .navigation {  
    padding: 0;  
  }  
}
```

```
.brand {  
  line-height: 50px;  
  border: none;  
  margin-right: auto;  
  margin-right: auto;  
  display: block;  
  width: 100%;  
}
```

```
padding-top: 7px;
padding-bottom: 7px;
padding-left: 20px;
padding-right: 20px;
}
```

```
.left {
    float: none;
    margin-right: 0;
    transition: 1s;
}
```

```
nav ul li {
    display: block;
    text-align: center;
    width: 100%;
    transition: 1s;
    padding: 7px;
}
```

```
#nav-icon {
    display: inline;
    float: right;
    line-height: 50px;
}
}
```

```
<!doctype html>
<html lang="en">
```

```
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta name="description" content="">
  <meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap contributors">
  <meta name="generator" content="Hugo 0.84.0">
  <title>Sign Up</title>
  <link rel="stylesheet" type="text/css" href="sign in.css">

  <link rel="canonical" href="https://getbootstrap.com/docs/5.0/examples/checkout/">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">

  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link href="https://fonts.googleapis.com/css2?family=Noto+Sans+JP:wght@300&display=swap" rel="stylesheet">

  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link href="https://fonts.googleapis.com/css2?family=Nunito+Sans:ital@1&display=swap" rel="stylesheet">

  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link href="https://fonts.googleapis.com/css2?family=Oxygen:wght@300&display=swap" rel="stylesheet">

  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@500&display=swap" rel="stylesheet">

  <!-- Bootstrap core CSS -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-iYQeCzEYFbKjA/T2uDLTPkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT" crossorigin="anonymous">

  <!-- Favicons -->
```

```
<link rel="apple-touch-icon" href="/docs/5.0/assets/img/favicons/apple-touch-icon.png" sizes="180x180">
<link rel="icon" href="/docs/5.0/assets/img/favicons/favicon-32x32.png" sizes="32x32" type="image/png">
<link rel="icon" href="/docs/5.0/assets/img/favicons/favicon-16x16.png" sizes="16x16" type="image/png">
<link rel="manifest" href="/docs/5.0/assets/img/favicons/manifest.json">
<link rel="mask-icon" href="/docs/5.0/assets/img/favicons/safari-pinned-tab.svg" color="#7952b3">
<link rel="icon" href="/docs/5.0/assets/img/favicons/favicon.ico">
<meta name="theme-color" content="#7952b3">
```

```
<style>
```

```
  table{
    text-align: center;
    border:3px solid black;
    border-collapse: collapse;
    width: 100%;
    height: 90px;
  }
```

```
  th{
    border-collapse: collapse;
    border: 2px solid black;
    font-family: 'Oxygen', serif;
    font-weight: 35px;
    font-size: 25px;
    height: 45px;
    width: 60px;
    color: black;
  }
```

```
td{
    border-collapse: collapse;
    border: 2px solid white;
    width: 60px;
    height: 45px;
    font-size:20px;
    font-weight: 67px;
    font-family: 'Oxygen', serif;
    background-color: white;
    color: black;
}
.tabrow
{
    background-color: #00ff80;
}
.tabdat{
    background-color: black;
    color: white;
    font-weight: bold;
}
</style>
```

```
<link rel="stylesheet" href="colors.css">
<!-- Custom styles for this template -->
</head>
```

```
<body class="bd-yellow-600">
```

```
<nav class="navbar navbar-dark bg-dark fixed-top">
  <div class="container-fluid">
    <a class="navbar-brand" href="#">News Tracker</a>
    <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas" data-bs-target="#offcanvasDarkNavbar"
aria-controls="offcanvasDarkNavbar">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="offcanvas offcanvas-end text-bg-dark" tabindex="-1" id="offcanvasDarkNavbar"
aria-labelledby="offcanvasDarkNavbarLabel">
      <div class="offcanvas-header">
        <h5 class="offcanvas-title" id="offcanvasDarkNavbarLabel">Profile</h5>
        <button type="button" class="btn-close btn-close-white" data-bs-dismiss="offcanvas" aria-label="Close"></button>
      </div>
      <div class="offcanvas-body">
        <ul class="navbar-nav justify-content-end flex-grow-1 pe-3">
          <li class="nav-item">
            <a class="nav-link active" aria-current="page" href="home.html">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="base.html">Fetch News</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="about.html">About Us</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="signin.html">Sign In</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="signup.html">Sign Up</a>
          </li>
        </ul>
      </div>
    </div>
  </div>
</nav>
```

```

        </div>
    </div>
</div>
</nav>
<div class="container div2">
    <main>
        <div class="py-5 text-center">
            <h2 class="text-white div2">Add User</h2>
        </div>

        <div class="col-md-7 col-lg-8">
            <h4 class="mb-3 text-black">Account Details</h4>
            <form action = "{{ url_for('storedUser')}}" method="POST">
                <div class="row g-3">
                    <!--<div class="col-sm-6">-->
                        <!--<label for="firstName" class="form-label text-white">Account Number</label>-->
                        <!--<input type="text" class="form-control" id="acc_no" name="acc_no" placeholder="" value="" required>-->
                    <!--</div>-->

                    <div class="row g-3">
                        <div class="col-sm-6">
                            <label for="firstName" class="form-label text-black">First name</label>
                            <input type="text" class="form-control" id="firstName" name = "fname" placeholder="" value="" required>
                            <div class="invalid-feedback">
                                Valid first name is required.
                            </div>
                        </div>
                    </div>

                    <div class="col-sm-6">

```

```
<label for="lastName" class="form-label text-black">Last name</label>
<input type="text" class="form-control" id="lastName" name = "lname" placeholder="" value="" required>
<div class="invalid-feedback">
  Valid last name is required.
</div>
</div>
```

```
<div class="col-12">
  <label for="floatingInput" class="form-label text-black">Email</label>
  <input type="email" class="form-control" id="email" name = "mail" placeholder="you@example.com">
</div>
```

```
<div class="col-12">
  <label for="pass" class="form-label text-black">Password</label>
  <input type="password" class="form-control" id="pass" name = "npwd" placeholder="Enter a Valid Password" required>
</div>
```

```
<div class="col-12">
  <label for="confpass" class="form-label text-black">Confirm Password</label>
  <input type="password" class="form-control" id="confpass" name="cpwd" placeholder="Enter a Valid Password" required>
</div>
```

```
<hr class="my-4">
```

```

  <a href="#" alt="didnt connect"><button class="w-100 btn bd-teal-700 btn-outline-dark btn-lg" type="submit">Add
Account</button></a>
</form>
</div>
</div>
</main>
```



```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-u1OknCVxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZIHgTPOOmMi466C8"
crossorigin="anonymous"></script>
```

```
<script src="https://cdn.jsdelivr.net/npm/@docsearch/js@3"></script>
```

```
<script src="https://cdn.jsdelivr.net/npm/@stackblitz/sdk@1/bundles/sdk.umd.js"></script>
```

```
<script src="/docs/5.2/assets/js/docs.min.js"></script>
```

```
<script>
```

```
document.querySelectorAll('.btn-edit').forEach(btn => {
```

```
  btn.addEventListener('click', event => {
```

```
    const htmlSnippet = event.target.closest('.bd-code-snippet').querySelector('.bd-example').innerHTML
```

```
    const classes = Array.from(event.target.closest('.bd-code-snippet').querySelector('.bd-example').classList).join(' ')
```

```
    const jsSnippet = event.target.closest('.bd-code-snippet').querySelector('.btn-edit').getAttribute('data-sb-js-snippet')
```

```
    StackBlitzSDK.openBootstrapSnippet(htmlSnippet, jsSnippet, classes)
```

```
  })
```

```
}
```

```
StackBlitzSDK.openBootstrapSnippet = (htmlSnippet, jsSnippet, classes) => {
```

```
  const markup = `<!doctype html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet">
```

```
<link href="https://getbootstrap.com/docs/5.2/assets/css/docs.css" rel="stylesheet">
<title>Bootstrap Example</title>
<${'script'} src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"></${'script'}>
</head>
<body class="p-3 m-0 border-0 ${classes}">

  <!-- Example Code -->
  ${htmlSnippet.replace(/^/gm, ' ')}
  <!-- End Example Code -->
</body>
</html>
```

[illegible]

```

live toast example in docs or StackBlitz
const alertPlaceholder = document.getElementById('liveAlertPlaceholder')
const alertTrigger = document.getElementById('liveAlertBtn')
const appendAlert = (message, type) => {
  const wrapper = document.createElement('div')
  wrapper.innerHTML = `
    <div class="alert alert-${type} alert-dismissible" role="alert">
      <div>${message}</div>
      <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
    </div>
  `
  alertPlaceholder.append(wrapper)
  if (alertTrigger) {
    alertTrigger.addEventListener('click', () => appendAlert('Nice, you triggered this alert message!', 'success'))
  }
}

// Checks Radios
Indeterminate checkbox example in docs and StackBlitz
document.querySelectorAll('.bd-example-indeterminate')
  .forEach((checkbox) => {
    if (checkbox.id.includes('Indeterminate')) {
      checkbox.indeterminate = true
    }
  })

// Links
// Disable empty links in docs examples only
document.querySelectorAll('.bd-content [href="#"]')
  .forEach((link) => {
    link.addEventListener('click', event => event.preventDefault())
  })

// Modal
// Varying modal content example in docs and StackBlitz
const exampleModal = document.getElementById('exampleModal')
if (exampleModal) {
  exampleModal.addEventListener('show.bs.modal', event => {
    // Button that triggered the modal
    const button = event.relatedTarget
    // Extract info from data-bs-* attributes
    const recipient = button.getAttribute('data-bs-whatever')
    // Update the modal's content
    const modalTitle = exampleModal.querySelector('.modal-title')
    const modalBodyInput = exampleModal.querySelector('.modal-body input')
    modalTitle.textContent = `New message to ${recipient}`
    modalBodyInput.value = recipient
  })
}

// Offcanvas
// Offcanvas components example in docs only
const myOffcanvas = document.querySelectorAll('.bd-example-offcanvas .offcanvas')
if (myOffcanvas) {
  myOffcanvas.forEach((offcanvas) => {
    offcanvas.addEventListener('show.bs.offcanvas', event => {
      event.preventDefault(), false
    })
  })
}

```

```

const project = {
  files: {
    'index.html': markup,
    'index.js': jsSnippetContent
  },
  title: 'Bootstrap Example',
  description: `Official example from ${window.location.href}`,
  template: jsSnippet ? 'javascript' : 'html',
}

```

```
tags: ['bootstrap']
}
```

```
StackBlitzSDK.openProject(project, { openFile: 'index.html' })
}
</script>
</body>
</html>
```

```
<!doctype html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<meta name="description" content="">
```

```
<meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap contributors">
```

```
<meta name="generator" content="Hugo 0.84.0">
```

```
<title>Sign In</title>
```

```
<link rel="canonical" href="https://getbootstrap.com/docs/5.0/examples/sign-in/">
```

```
<link href="https://getbootstrap.com/docs/5.0/assets/css/docs.css" rel="stylesheet">
```

```
<!-- Bootstrap core CSS -->
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-iYQeCzEYFbKjA/T2uDLTPkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT" crossorigin="anonymous">
```

```
<!-- Favicons -->
```

```
<link rel="apple-touch-icon" href="/docs/5.0/assets/img/favicons/apple-touch-icon.png" sizes="180x180">
```

```
<link rel="icon" href="/docs/5.0/assets/img/favicons/favicon-32x32.png" sizes="32x32" type="image/png">
```

```
<link rel="icon" href="/docs/5.0/assets/img/favicons/favicon-16x16.png" sizes="16x16" type="image/png">
```

```
<link rel="manifest" href="/docs/5.0/assets/img/favicons/manifest.json">
<link rel="mask-icon" href="/docs/5.0/assets/img/favicons/safari-pinned-tab.svg" color="#7952b3">
<link rel="icon" href="/docs/5.0/assets/img/favicons/favicon.ico">
<meta name="theme-color" content="#7952b3">
```

```
<style>
  .bd-placeholder-img {
    font-size: 1.125rem;
    text-align: middle;
    -webkit-user-select: none;
    -moz-user-select: none;
    user-select: none;
  }

  @media (min-width: 768px) {
    .bd-placeholder-img-lg {
      font-size: 3.5rem;
    }
  }
</style>
```

```
<!-- Custom styles for this template -->
<link href="static/sheets/signin.css" rel="stylesheet">
<link href="static/sheets/colors.css" rel="stylesheet">
</head>
<body class="text-center">
  <nav class="navbar navbar-dark bg-dark fixed-top">
```

```
<div class="container-fluid">
  <a class="navbar-brand" href="#">News Tracker</a>
  <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas" data-bs-target="#offcanvasDarkNavbar"
aria-controls="offcanvasDarkNavbar">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="offcanvas offcanvas-end text-bg-dark" tabindex="-1" id="offcanvasDarkNavbar"
aria-labelledby="offcanvasDarkNavbarLabel">
    <div class="offcanvas-header">
      <h5 class="offcanvas-title" id="offcanvasDarkNavbarLabel">Profile</h5>
      <button type="button" class="btn-close btn-close-white" data-bs-dismiss="offcanvas" aria-label="Close"></button>
    </div>
    <div class="offcanvas-body">
      <ul class="navbar-nav justify-content-end flex-grow-1 pe-3">
        <li class="nav-item">
          <a class="nav-link active" aria-current="page" href="home.html">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="base.html">Fetch News</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="about.html">About Us</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="signin.html">Sign In</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="signup.html">Sign Up</a>
        </li>
      </ul>
    </div>
  </div>
```

```

        </div>
    </div>
</nav>
<main class="form-signin">
    <form action = "{{ url_for('getUser')}}" method="POST">
        
        <h1 class="h3 mb-3 fw-normal white">Please sign in</h1>

        <div class="form-floating">
            <input type="email" class="form-control" id="floatingInput" name = "uname" placeholder="name@example.com">
            <label for="floatingInput">Email address</label>
        </div>
        <br>
        <div class="form-floating">
            <input type="password" class="form-control" id="floatingPassword" name = "upwd" placeholder="Password">
            <label for="floatingPassword">Password</label>
        </div>

        <div class="checkbox mb-3">
            <label class="white">
                <input type="checkbox" value="remember-me"> Remember me
            </label>
        </div>
        <button class="w-100 btn btn-lg bd-purple-500 btn-outline-warning" type="submit">Sign in</button><br><br>
        <p class="white"><b>Forgot Password? <a href="forpass.html">Change here</b></a></p>
        <p class="white"><b>Don't have an account? <a href="signup.html">Sign Up</b></a></p>
        <p class="mt-5 mb-3 text-muted"><b>&copy; 2022–2023</b></p>
        <p class="white"><b>Or</b></p>
        <p class="white"><b>Sign in with </b></p>

```

```
</form>
```

```
</main>
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi466C8"
crossorigin="anonymous"></script>
```

```
<script src="https://cdn.jsdelivr.net/npm/@docsearch/js@3"></script>
```

```
<script src="https://cdn.jsdelivr.net/npm/@stackblitz/sdk@1/bundles/sdk.umd.js"></script>
```

```
<script src="/docs/5.2/assets/js/docs.min.js"></script>
```

```
<script>
```

```
document.querySelectorAll('.btn-edit').forEach(btn => {
```

```
  btn.addEventListener('click', event => {
```

```
    const htmlSnippet = event.target.closest('.bd-code-snippet').querySelector('.bd-example').innerHTML
```

```
    const classes = Array.from(event.target.closest('.bd-code-snippet').querySelector('.bd-example').classList).join(' ')
```

```
    const jsSnippet = event.target.closest('.bd-code-snippet').querySelector('.btn-edit').getAttribute('data-sb-js-snippet')
```

```
    StackBlitzSDK.openBootstrapSnippet(htmlSnippet, jsSnippet, classes)
```

```
  })
```

```
})
```

```
StackBlitzSDK.openBootstrapSnippet = (htmlSnippet, jsSnippet, classes) => {
```

```
  const markup = `<!doctype html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```



```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet">
<link href="https://getbootstrap.com/docs/5.2/assets/css/docs.css" rel="stylesheet">
<title>Bootstrap Example</title>
<${script} src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"></${script}>
</head>
<body class="p-3 m-0 border-0 ${classes}">

<!-- Example Code -->
${htmlSnippet.replace(/^/gm, ' ')}
<!-- End Example Code -->
</body>
</html>
```

[illegible]

```

\\ Alerts\\
\\ Used in \u0027Show live toast\u0027 example in docs or StackBlitz\\
const alertPlaceholder = document.getElementById(\u0027liveAlertPlaceholder\u0027)\n
const alertTrigger = document.getElementById(\u0027liveAlertBtn\u0027)\n
const appendAlert = (message, type) => {\n
  const wrapper = document.createElement(\u0027div\u0027)\n
  wrapper.innerHTML = [\n
    \u003cdiv class=\u0022alert alert-${type}\u0022\n
    alert-dismissible\u0022 role=\u0022alert\u0022\u003e,\n
    \u003cdiv\u003e${message}\u003cdiv\u003e,\n
    \u003cbutton type=\u0022button\u0022 class=\u0022btn-close\u0022 data-bs-dismiss=\u0022alert\u0022\n
    aria-label=\u0022Close\u0022\u003cbutton\u003e\u0027,\n
    \u003cdiv\u003e\u0027\n
    ].join(\u0027\u0027)\n
  alertPlaceholder.append(wrapper)\n
  if(alertTrigger) {\n
    alertTrigger.addEventListener(\u0027click\u0027, () => {\n
      appendAlert(\u0027Nice, you triggered this alert message!\u0027, \u0027success\u0027)\n
    })\n
  }\n
}\n
\\ Checks \u0026 Radios\\
\\ Indeterminate checkbox example in docs and StackBlitz\\
document.querySelectorAll(\u0027.bd-example-indeterminate\n
  [\u0027type=\u0022checkbox\u0022]\u0027)\n
  .forEach((checkbox => {\n
    if(checkbox.id.includes(\u0027Indeterminate\u0027))\n
    checkbox.indeterminate = true\n
  })\n
)\n
\\ Links\\
\\ Disable empty links in docs examples only\\
document.querySelectorAll(\u0027.bd-content\n
  [\u0027href=\u0022#\u0022]\u0027)\n
  .forEach((link => {\n
    link.addEventListener(\u0027click\u0027, event => {\n
      event.preventDefault()\n
    })\n
  })\n
)\n
\\ Modal\\
\\ Modal\n
  \u0027Varying modal content\u0027 example in docs and StackBlitz\\
const exampleModal =\n
document.getElementById(\u0027exampleModal\u0027)\n
if(exampleModal) {\n
  exampleModal.addEventListener(\u0027show.bs.modal\u0027, event => {\n
    // Button that triggered the modal\\
    const button\n
    = event.relatedTarget\n
    // Extract info from data-bs-* attributes\\
    const recipient =\n
button.getAttribute(\u0027data-bs-whatever\u0027)\n
    // Update the modal\u0027s content\\
    const modalTitle =\n
exampleModal.querySelector(\u0027.modal-title\u0027)\n
    const modalBodyInput =\n
exampleModal.querySelector(\u0027.modal-body input\u0027)\n
    modalTitle.textContent = `New message to ${recipient}`\n
    modalBodyInput.value = recipient\n
  })\n
}\n
\\ Offcanvas\\
\\ \u0027Offcanvas components\u0027 example in docs only\\
const myOffcanvas =\n
document.querySelectorAll(\u0027.bd-example-offcanvas\n
  .offcanvas\u0027)\n
if(myOffcanvas) {\n
  myOffcanvas.forEach((offcanvas => {\n
    offcanvas.addEventListener(\u0027show.bs.offcanvas\u0027, event => {\n
      event.preventDefault()\n
    }, false)\n
  })\n
})\n
}\n
const project = {\n
  files: {\n
    'index.html': markup,\n
    'index.js': jsSnippetContent\n
  },\n
  title: 'Bootstrap Example',\n
  description: `Official example from ${window.location.href}`,\n
  template: jsSnippet ? 'javascript' : 'html',

```

```
    tags: ['bootstrap']
  }

  StackBlitzSDK.openProject(project, { openFile: 'index.html' })
}
</script>
</body>
</html>
```

GITHUB LINK : <https://github.com/IBM-EPBL/IBM-Project-23953-1659934231>