NEWS TRACKER APPPLICATION

USING CLOUD

A Project report submitted in partial fulfilment of 7th semester in degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

Team ID: PNT2022TMID51969

Rebisha S	962319104073
Pravin M	962319104071
Saju Shagaar M M	962319104077
Sharan B	962319104081

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AMRITA COLLEGE OF ENGINEERING AND TECHNOLOGY

ANNA UNIVERSITY: CHENNAI 600025

NOV-2022

AMRITA COLLEGE OF ENGINEERING AND TECHNOLOGY
(A Constituent College of Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this project report **"NEWS TRACKER APPLICATION"** is the bonafide record work done by **Ms REBISHA S(962319104073), Mr PRAVIN M (962319104071), Mr SAJU SHAGAAR M M(962319104077)** and **Mr SHARAN B(962319104081)** for **IBM-NALAIYATHIRAN** in **VII** semester of **B.E.,** degree course **in ComputerScience and Engineering** branch during the academic year of 2022 - 2023.

Staff-In charge
Dr. Sasikala T S

Evaluator

Head of the Department
Dr.Sivaraja P M

ACKNOWLEDGEMENT

We express our breathless thanks to our **Dr.T.Kannan, M.E., Ph.D.,** the principal, Amrita College of Engineering and Technology, Erachakulam, for giving constantmotivation in succeeding in our goal.

We acknowledge our sincere thanks to Head of the Department (i/c) **Dr. P M Siva Raja M.Tech., Ph.D.,** for giving us valuable suggestion and help towards us throughout thisProject.

We are highly grateful to thank our Project coordinator **Dr.**
and our Project Evaluator **Mrs** Department of Computer Science and Engineering, Amrita college of Engineering and Technology for the coordinating us throughout this Project.

We are very much indebted to thank all the faculty members of Department of Computer science and Engineering in our Institute, for their excellent moral support and suggestions to complete our Project work successfully.

Finally our acknowledgment does our parents, sisters and friends those who had extended their excellent support and ideas to make our Project a pledge one.

Rebisha S
Pravin M
Saju Shagaar M M
Sharan B

ABSTRACT

Everyone has the right to freedom of speech. However, this right is being misused to differentiate and attack others, physically or verbally, in the name of free speech. This discrimination is known as hate speech. Hate speech can be well-defined as language used to express hate towards a person or a group of people based on characteristics such as race, religion, ethnicity, gender, nationality, disability and sexual orientation. The increasing usage of social sites and information sharing has specified major benefitsto humanity. However, this has also assumed rise to a variety of challenges including the spreading and sharing of hate speech messages. Thus, to solve this emerging issue in social media sites, recent studies employed a variety of machine learning and deep learning algorithms with text mining algorithm to automatically detect the hate speech messages on real time datasets. Hence, the aim of this Project is to analyses the comments on social networks using Natural Language processing technique (NLP) and Deep learning algorithm named as Back propagation neural network algorithm. Using NLP technique, can extract the keywords from user generated content and implement Back Propagation neural network to classify the text whether it is positive or negative. If it is negative means, automatically block the comments as per user wish and also blockthe friends based on pre-defined threshold values. Experimental results shows that the proposed framework implemented in real time social network site with improved notification .

TABLE OF FIGURES

1. INTRODUCTION
   1.1 Project Overview
   1.2 Purpose
2. LITERATURE SURVEY
   2.1 Existing problem
   2.2 References
   2.3 Problem Statement Definition
3. IDEATION & PROPOSED SOLUTION
   3.1 Empathy Map Canvas
   3.2 Ideation & Brainstorming
   3.3 Proposed Solution
   3.4 Problem Solution fit
4. REQUIREMENT ANALYSIS
   4.1 Functional requirement
   4.2 Non-Functional requirements
5. PROJECT DESIGN
   5.1 Data Flow Diagrams
   5.2 Solution & Technical Architecture
   5.3 User Stories
6. PROJECT PLANNING & SCHEDULING
   6.1 Sprint Planning & Estimation
   6.2 Sprint Delivery Schedule
   6.3 Reports from JIRA
7. CODING & SOLUTIONING
   7.1 Feature 1
   7.2 Feature 2
   7.3 Database Schema (if Applicable)
8. TESTING
   8.1 Test Cases
   8.2 User Acceptance Testing
9. RESULTS
   9.1 Performance Metrics
10. ADVANTAGES & DISADVANTAGES
11. CONCLUSION
12. FUTURE SCOPE
13. APPENDIX
Source Code GitHub & Project Demo Link

News Tracker Application

1.INTRODUCTION

Mobile app ecosystems are transforming patterns of news consumption. Until quite recently, reading the news was a niche use for smartphones [12], mostly for when users were ‘on the go’; now however,two in every three users of mobile devices in the US regularly access news and as many as one in five read in-depth news articles daily [2]; a similar picture is found in the UK [1]. This growth in mobile news access continues the migration of news consumers to the Internet.

1.1 Project overview

As news is increasingly accessed on smartphones and tablets, the need for personalising news app interactions is apparent. We report a series of three studies addressing key issues in the development of adaptive news app interfaces. We first surveyed users’ news reading preferences and behaviours; analysis revealed three primary types of reader. We then implemented and deployed an Android news app that logs users’ interactions with the app. We used the logs to train a classifier and showed that it is able to reliably recognise a user according to their reader type. Finally we evaluated alternative, adaptive user interfaces for each reader type. The evaluation demonstrates the differential benefit of theadaptation for different users of the news app and the feasibility of adaptive interfaces for news apps.

1.2 Purpose

As our lives are very busy these days, we often feel we need more than 24 hrs. a day to cope up with everything we have in our schedule. Well, that's not possible but reducing the time by changing the conventional method of reading news can help. Just tell us what market news you're interested in and get a quick peek for the day. Only read what you feel is relevant and save your time. This app helps you to query for all information about Indices, Commodities, Currencies, Future Rates, Bonds, etc.… as on official websites.

2. LITERATURE SURVEY

2.1 Existing problem

Sl. No	Title	Authors	Year	Techniques	Merits	Demerits
1	**Design and Implementation of News Collecting and Filtering System Based on RSS**	Zheng, R., & Zhang, Y.	2012	Using RSS to collect news with enhanced search system	System can automatically collect the latest news information from the subscribe site, then parsing and storing the information into database.	Graphics and photos do not always appear .Posts are easily de-formatted or fully erased. RSS might make the process a bit unpleasant

2	**Effects of Incidental Brief Exposure to News on News Knowledge While Scrolling Through Videos**	Masanori Takano Yuki Ogawa Fumiaki Taka Soichiro Morishita	2021	Using Video shorts for news. Video Intelligent API	Every people can easily understand the news by watching the video content	Videos may be in multiple aspect ratio, cluttered, textured background
3	**An Approach to Event Mining Based on Massive Online News**	Piaopiao Zheng; Jian Wan; Huayou Si; Shuangshuang Zhang; Wenpeng Tao	2018	Single-Pass Clustering Algorithm	Automatic recovery from failure, that is, recovery without user intervention	complexity and inability to recover from database corruption.

2.2 References

Like articles, websites, blogs.

https://www.researchgate.net/.

https://techvidvan.com/tutorials/android-news-app-project-source-code/

https://www.ripublication.com/

2.3 Problem Statement Definition

1.The user needs a way to organize the news on daily basis so that he can cope up with daily events in his tight schedule.

2.The user wants to read news only about particular topics so that he can be informed about his interest.

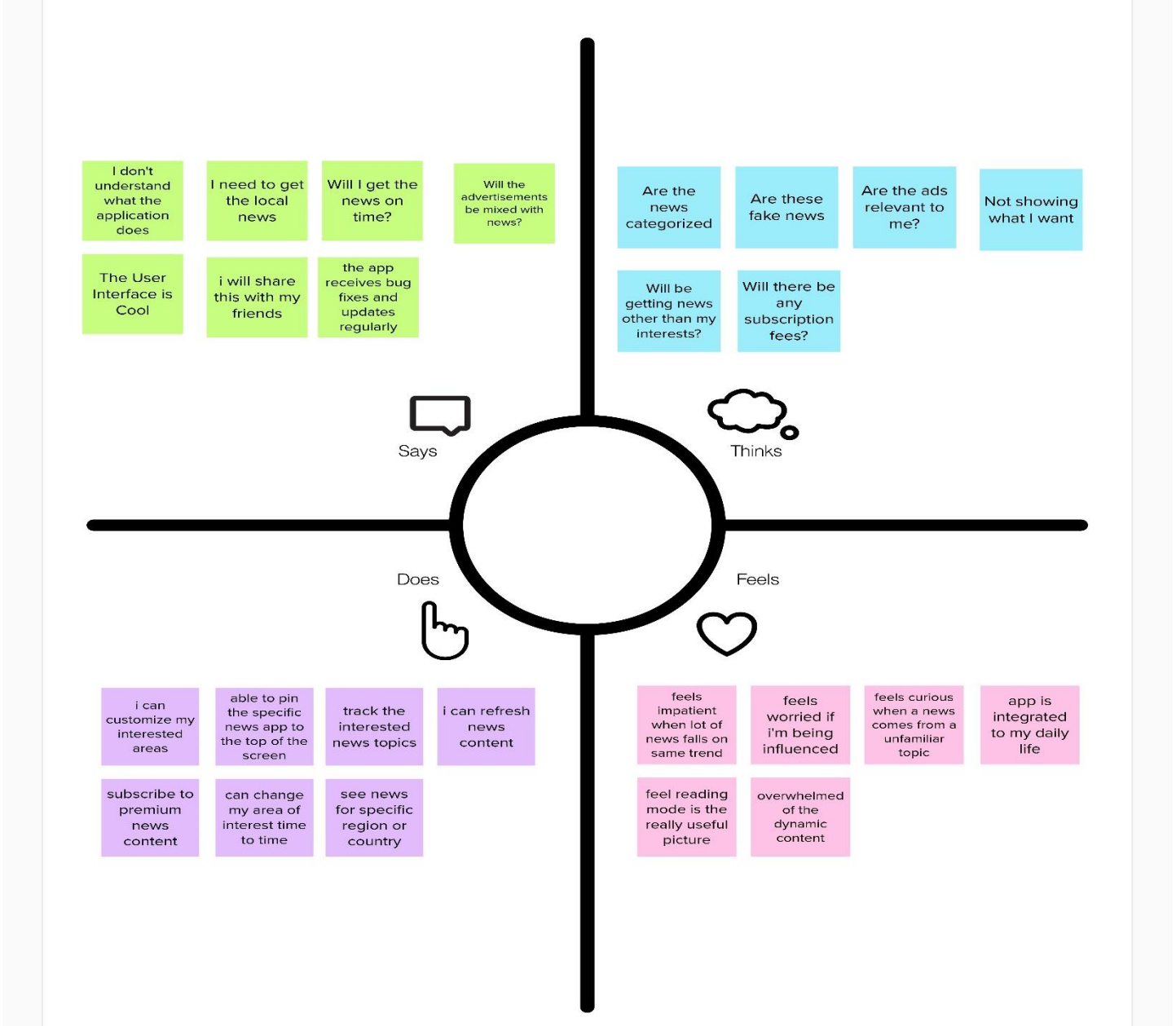
3.The user wants to get informed from only certified news outlets .

4.The user needs a way to search about the news on topics he wants to.

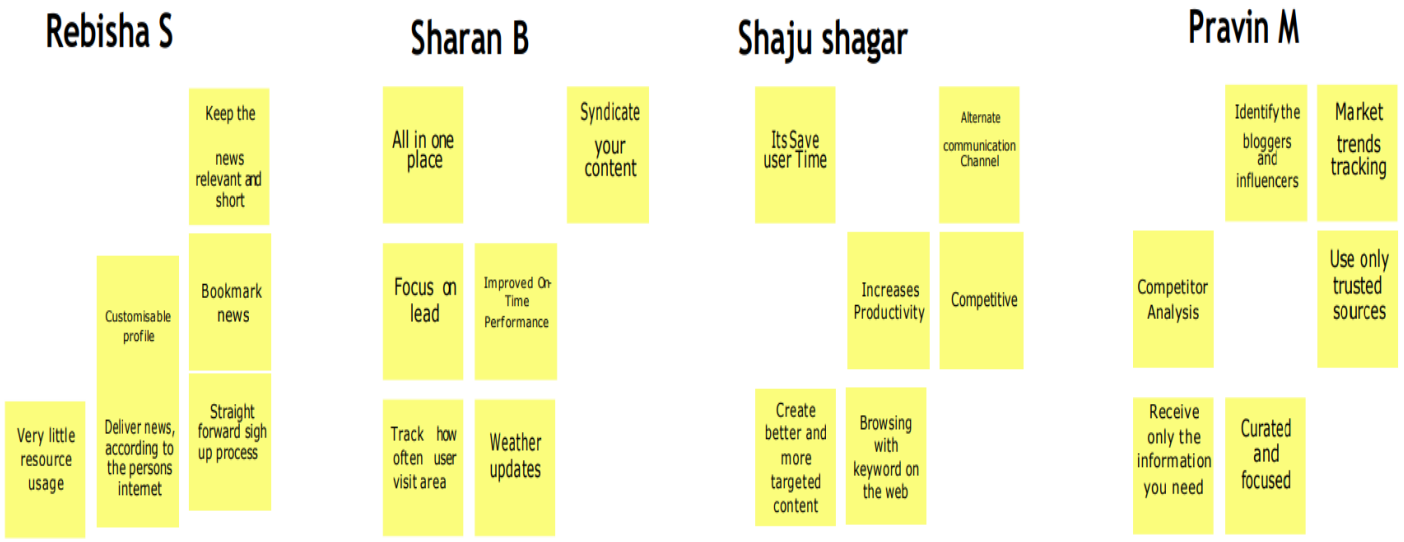
5.The user wants to know the news about his surrounding using GPS location.

3. IDEATION & PROPOSED SOLUTION

3.1 Empathy Map Canvas



3.2 Ideation & Brainstorming



3.3 Proposed Solution

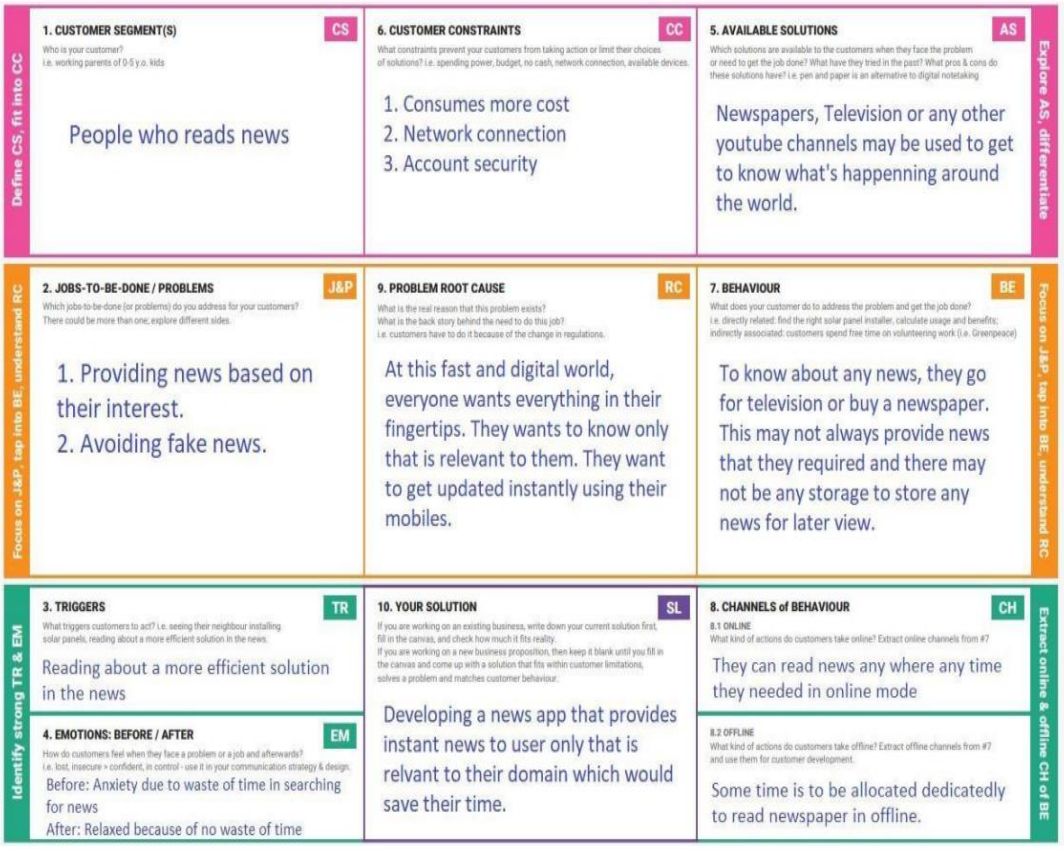
S.NO	PARAMETERS	DESCRIPTION
1.	Problem statement (problems to be solved	User needs a way to get a interested marketing in a quick peek of the day. So that we give relevant news where the user more interested on that day and save their time.
2.	Idea/solution description	We provide relevant news where the user more interested on that day.
3.	Novelty/Uniqueness	Saving and downloading the interested articles.
4.	Social Impact/Customer satisfaction	When news feed are customized/personalized to the user, the time spend to learn about the day will be minimized and will be completely productive.

5.	Business Model (Revenue)	Shown below.
6.	Scalability of the solution	The first step is to predict user interests and collect relevant data for user personalization. The system provides filter option and sorting the user relevant news and saves the time.

3.4 Problem Solution fit

Project Design Phase-I **Problem Solution Fit**

Team ID PNT2022TMID51969 **Project Name: News Tracker Application**



4. REQUIREMENT ANALYSIS

4.1 Functional requirement

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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	They enter the user id and password which they provided during their registration.
FR-4	User Review	It helps to develop the app further and improve our application features.

4.2 Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Need to update their knowledge towards their interested news.
NFR-2	**Security**	The information collected from user would be very safe and secure
NFR-3	**Reliability**	It will operate in a defined environment without failure.
NFR-4	**Performance**	It is easy to use and the application is easy to access.
NFR-5	**Availability**	The information whatever the user needed everything is available in this application.
NFR-6	**Scalability**	It is a open free source and support to all platform where millions of people can use this application.

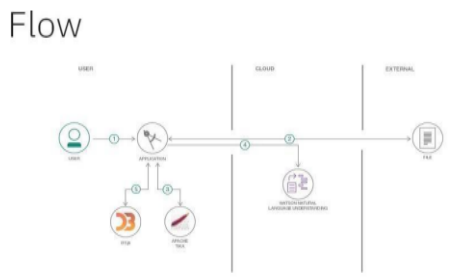
5. PROJECT DESIGN

5.1 Data Flow Diagrams

Data Flow Diagrams:

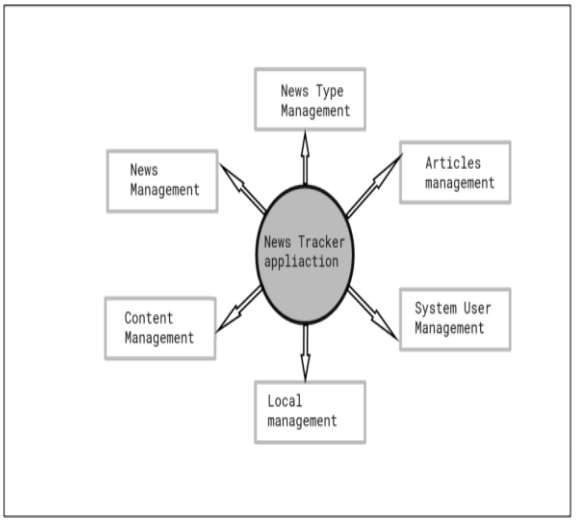
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example:



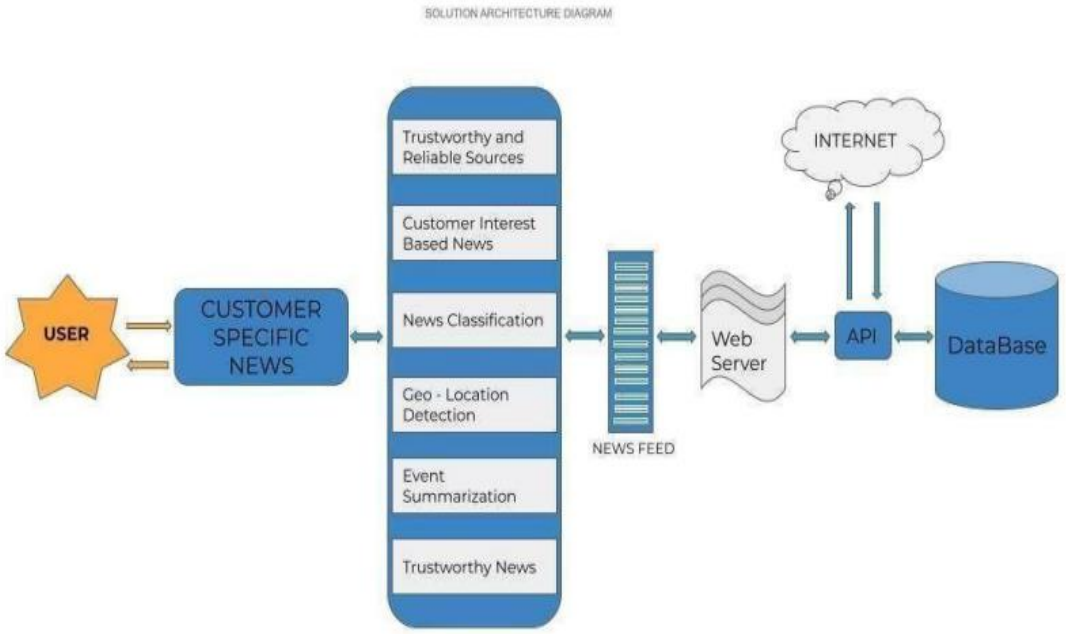
1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

Example: DFD Level 0 (Industry Standard)



5.2 Solution & Technical Architecture

Solution Architecture Diagram:



5.3 User Stories

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-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
Customer (Web user)						

6. PROJECT PLANNING & SCHEDULING

6.1 Sprint Planning & Estimation

TITLE	DESCRIPTION	DATE
Literature Survey & Information Gathering	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	28 October 2022

Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements	28 October 2022

Ideation Brain Storming	List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	28 October 2022
Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	28 October 2022
Problem Solution Fit	Prepare problem solution fit document	28 October 2022
Solution Architecture	Prepare solution architecture document.	28 October 2022
Customer Journey	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).	28 October 2022

Solution Requirement	Prepare the functional requirement document	28 October 2022
Data Flow Diagrams	Draw the data flow diagrams and submit for review.	28 October 2022
Technology Architecture	Prepare the technology architecture diagram.	28 October 2022
Prepare Milestone & Activity List	Prepare the milestones & activity list of the project.	31 October 2022
Project Development - Delivery of Sprint-1, 2, 3 & 4	Develop & submit the developed code by testing it.	IN PROGRESS..

6.2 Sprint Delivery Schedule

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	Rebisha S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Pravin M
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	Saju Sagar M M
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Sharan B
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Rebisha S, Pravin M
Sprint-2	Dashboard	USN-6	As a user I should be able to navigate and access all the features hassle free	2	High	Saju Sagar M M, Sharan B
Sprint-2	Layout	USN-7	As a user I should be able to access the portal with different devices with the same comfort	2	High	Sharan B, Rebisha S
Sprint-3	Data Store and retrieval	USN-8	Get Data from API and store as JSON in DB2	3	High	Pravin M, Saju Sagar M M
Sprint-3		USN-9	Get bin data from API and store in DFS	2	High	Rebisha S, Saju Sagar M M
Sprint-4	User Segregation and data access	USN-10	As a CC executive I should be able to uniquely identify the customer and offer help	1	Low	Pravin M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Change code	USN-11	As a administrator I should be able to modify code according to the future requirements.	2	Medium	Rebisha S, Pravin M
Sprint-4	Monitor the system	USN-12	As a administrator I should be able to monitor the cloud system and fix errors before customer.	1	High	Saju Sagar M M

6.3 Reports from JIRA

---

7. CODING & SOLUTIONING

Forgot password-

Forpass.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-anchor: 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>
          </div>
        </div>
      </div>
    </nav>
<main class="form-signin  ">
  <form action = "{{ url_for("getUser")}}" method="POST">
    <img class="mb-4" src="static/Images/house-user-solid.svg" alt="" width="72" height="57">
    <h1 class="h3 mb-3 fw-normal white">Change your password</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>
    <button class="w-100 btn btn-lg btn-warning btn-outline-warning" type="submit"><a href="static/templates/changepass.html">Change Password</a></button><br><br>
```

```
  </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>`

const jsSnippetContent = jsSnippet ? '\/\/ NOTICE!!! Initially embedded in our docs this JavaScript\n\/\/ file contains elements that can help you create reproducible\n\/\/ use cases in StackBlitz for instance\.\n\/\/ In a real project please adapt this content to your needs\.\n\/\/ \u002b\u002b\u002b\

\u0027Placement\u0027 example in docs or StackBlitz\n const toastPlacement = document\.getElementById\(\u0027toastPlacement\u0027\)\n if \(toastPlacement\) \{\n document\.getElementById\(\u0027selectToastPlacement\u0027\)\.addEventListener\(\u0027 change\u0027, function \(\) \{\n if \(!toastPlacement\.dataset\.originalClass\) \{\n toastPlacement\.dataset\.originalClass = toastPlacement\.className\n \}\n\n toastPlacement\.className = `\$\{toastPlacement\.dataset\.originalClass\} \$\{this\.value\}`\n \}\)\n \}\n\n \/\/ Instantiate all toasts in a docs page only\n document\.querySelectorAll\(\u0027\.bd\-example \.toast\u0027\)\n \.forEach\(toastNode =\u003e \{\n const toast = new bootstrap\.Toast\(toastNode, \{\n autohide: false\n \}\)\n\n toast\.show\(\)\n \}\)\n\n \/\/ Instantiate all toasts in a docs page only\n const toastTrigger = document\.getElementById\(\u0027liveToastBtn\u0027\)\n const toastLiveExample = document\.getElementById\(\u0027liveToast\u0027\)\n if \(toastTrigger\) \{\n toastTrigger\.addEventListener\(\u0027click\u0027, \(\) =\u003e \{\n const toast = new bootstrap\.Toast\(toastLiveExample\)\n\n toast\.show\(\)\n \}\)\n \}\n\n \/\/ \-\n \/\/ Alerts\n \/\/ \-\n \/\/ Used in \u0027Show live toast\u0027 example in docs or StackBlitz\n const alertPlaceholder = document\.getElementById\(\u0027liveAlertPlaceholder\u0027\)\n const alertTrigger = document\.getElementById\(\u0027liveAlertBtn\u0027\)\n\n const appendAlert = \(message, type\) =\u003e \{\n const wrapper = document\.createElement\(\u0027div\u0027\)\n wrapper\.innerHTML = \[\n `\u003cdiv class=\u0022alert alert\-\$\{type\} alert\-dismissible\u0022 role=\u0022alert\u0022\u003e`,\n `\u003cdiv\u003e\$\{message\}\u003c\/div\u003e`,\n \u0027 \u003cbutton type=\u0022button\u0022 class=\u0022btn\-close\u0022 data\-bs\-dismiss=\u0022alert\u0022 aria\-label=\u0022Close\u0022\u003e\u003c\/button\u003e\u0027,\n \u0027\u003c\/div\u003e\u0027\n \]\.join\(\u0027\u0027\)\n\n alertPlaceholder\.append\(wrapper\)\n \}\n\n if \(alertTrigger\) \{\n alertTrigger\.addEventListener\(\u0027click\u0027, \(\) =\u003e \{\n appendAlert\(\u0027Nice, you triggered this alert message!\u0027, \u0027success\u0027\)\n \}\)\n \}\n\n \/\/ \-\n \/\/ Checks \u0026 Radios\n \/\/ \-\n \/\/ Indeterminate checkbox example in docs and StackBlitz\n document\.querySelectorAll\(\u0027\.bd\-example\-indeterminate \[type=\u0022checkbox\u0022\]\u0027\)\n \.forEach\(checkbox =\u003e \{\n if \(checkbox\.id\.includes\(\u0027Indeterminate\u0027\)\) \{\n checkbox\.indeterminate = true\n \}\n \}\)\n\n \/\/ \-\n \/\/ Links\n \/\/ \-\n \/\/ Disable empty links in docs examples only\n document\.querySelectorAll\(\u0027\.bd\-content \[href=\u0022#\u0022\]\u0027\)\n \.forEach\(link =\u003e \{\n link\.addEventListener\(\u0027click\u0027, event =\u003e \{\n event\.preventDefault\(\)\n \}\)\n \}\)\n\n \/\/ \-\n \/\/ Modal\n \/\/ \-\n \/\/ Modal \u0027Varying modal content\u0027 example in docs and StackBlitz\n const exampleModal = document\.getElementById\(\u0027exampleModal\u0027\)\n if \(exampleModal\) \{\n exampleModal\.addEventListener\(\u0027show\.bs\.modal\u0027, event =\u003e \{\n \/\/ Button that triggered the modal\n const button = event\.relatedTarget\n \/\/ Extract info from data\-bs\-* attributes\n const recipient = button\.getAttribute\(\u0027data\-bs\-whatever\u0027\)\n\n \/\/ Update the modal\u0027s content\.\n const modalTitle =

```
exampleModal\.querySelector\(\u0027\.modal\-title\u0027\)\n const modalBodyInput = exampleModal\.querySelector\(\u0027\.modal\-body input\u0027\)\n\n modalTitle\.textContent = `New message to \$\{recipient\}`\n modalBodyInput\.value = recipient\n \}\)\n \}\n\n \/\/ \-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\n \/\/ Offcanvas\n \/\/ \-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\n \/\/ \u0027Offcanvas components\u0027 example in docs only\n const myOffcanvas = document\.querySelectorAll\(\u0027\.bd\-example\-offcanvas \.offcanvas\u0027\)\n if \(myOffcanvas\) \{\n myOffcanvas\.forEach\(offcanvas =\u003e \{\n offcanvas\.addEventListener\(\u0027show\.bs\.offcanvas\u0027, event =\u003e \{\n event\.preventDefault\(\)\n \}, false\)\n \}\)\n \}\n\}\)\(\)\n' : null

    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>
```

8. TESTING

8.1 Test Cases

Test case

Test case	feature	component	Test scenario	Expected result	Actual result	status	comments	bug	Executed by
Sign in	Functional	Login page	Verify user can see the sign in option	can visible	Yes visible	pass	successful	-	Abishek
Sign up	Functional	Login page	Verify user has the option to sign up	Can visible	Yes visible	pass	Successful	-	Abishek
Forgot password	Functional	Login page	Verify user has the option to forgot password	Yes the option is available	Option is available	pass	Successful	-	Manikand-an

Fetch news	Functional	Home page	Verify user can get the news	News will be feed to the app	404 error	Fail	unsuccessful	App integeration problem	Arun,Ram
Types of news available in the fetch news page	Functional	Fetch news	Types of news available	Weather, Sport, Economy.	Hover buttons will be shown.	Yes	successful	-	Gokul, Abishek.

Result:

News tracker application using cloud is developed and executed at the level of completed progress .

10. ADVANTAGES & DISADVANTAGES

Advantages:-

- ❖ In this app news is already categorization.
- ❖ Easily accessible and portable.
- ❖ Better user experience.
- ❖ Apps help you convert visitors to loyal readers.
- ❖ Minute by minute updates of news.
- ❖ This app helps you to get local news updates instantly.
- ❖ To explore and discover trending news and topics.
- ❖ News feeds for you based on your interest.

Disadvantages:-

- ❖ Some apps demand premium subscription from user.
- ❖ Occurance of Advertisment disturb the user.
- ❖ Sometimes the news gives brief information.
- ❖ Prevailance of fake and uncertain news can confuse the user lead to misconception.
- ❖ Fake news may mislead the readers.

11. CONCLUSION

We explored the feasibility of recognising patterns of news reading interactions and evaluated three adaptive interface designs for different news reader types. We show that from their interaction log, a specific user can be recognised as one of three kinds. The reader types emerging from the online survey are well defined and distinct. The evaluation of the three variant interfaces suggests that different news reader types need different user interfaces. We have demonstrated a method for monitoring users' news reading behaviour and

inferring news reader type from it. In the future we will further explore the design of adaptive interfaces, in order to be in a position to demonstrate a complete adaptive mobile news framework providing automatic personalisation of news apps.

12. FUTURE SCOPE

In the future we will further explore the design of adaptive interfaces, in order to be in a position to demonstrate a complete adaptive mobile news framework providing automatic personalisation of news apps.

13. APPENDIX

Source Code

App.py

```
from glob import escape
from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db
app = Flask(__name__)
#conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=824dfd4d-99de-440d-9991-
629c01b3832d.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=30119;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=pss83307;PWD=Lab47l4rodOvB2WE","","")
@app.route('/')
def login():
    return render_template('signin.html')
@app.route('/signin.html',methods = ['POST'])
def getUser():
    if request.method == 'POST':
        user = request.form['uname']
```

```
        password = request.form['upwd']
        sql = "SELECT * FROM CUSTOMERS where Email = ?"
        stmt = ibm_db.prepare(conn, sql)
        email = user
        # Explicitly bind parameters
        ibm_db.bind_param(stmt, 1,user)
        ibm_db.execute(stmt)
        dictionary = ibm_db.fetch_assoc(stmt)
        pwd = dictionary["PASSWORD"]
        if password != pwd:
            return render_template('error.html')
        return render_template('base.html')
@app.route('/signup.html')
def putUser():
    return render_template('signup.html')
@app.route('/signup.html',methods = ['POST'])
def storedUser():
    if request.method == 'POST':
        fname = request.form['fname']
        lname = request.form['lname']
        mail = request.form['mail']
        npwd = request.form['npwd']
        cpwd = request.form['cpwd']
        res = fname + lname + mail + npwd + cpwd
        if npwd != cpwd:
            return render_template('signup.html')
```

```
        sql = "INSERT INTO customers
(FirstName,LastName,Email,password,confirmpassword) VALUES(?,?,?,?,?);"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, fname)
        ibm_db.bind_param(stmt, 2, lname)
        ibm_db.bind_param(stmt, 3, mail)
        ibm_db.bind_param(stmt, 4, npwd)
        ibm_db.bind_param(stmt, 5, cpwd)
        ibm_db.execute(stmt)
    return render_template('signin.html')
if__name__== '__main__':
   # run() method of Flask class runs the application
    # on the local development server.
    app.run(debug=True)
```

Templates

About.html:

```
  {% extends "base.html" %}
{% block head %}
<title>About Page</title>
{% endblock %}
{% block body %}
<h1>Welcome to About Page</h1>
<p> This is a paragraph</p>
{% endblock %}
```

Base.html:

```
  <!DOCTYPE html>
<html lang="en">
<head>
{% block head %}
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width , initial-scale=1">
<!--Bootstrap 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">

<link rel="stylesheet" type="text/css" href="static/sheets/styles1.css">

<!--Google Fonts-->

<link rel="preconnect" href="https://fonts.gstatic.com">

<link
href="https://fonts.googleapis.com/css2?family=Noto+Sans+JP:wght@300&dis
play=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=s
wap" 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">

{% endblock %}

</head>
```

```
<body>
    <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>
        </div>
      </div>
    </div>
  </nav>
  <div class="container div2">
    <div class="row">
      <div class="col-sm-5">
        <a href="home.html" alt="Make A Transaction">
          <img src="static/Images/images.png" width="410" height="390">
        </a>
```

```
</div>
<div class="col-sm-5">
  <h1>Home page</h1>
  <p>
    <span>
      <ul class="content">
      <li class="content"><b>U can see what's in the home page using this link</b></li>
    </ul>
    </span>
  </p>
  </div>
</div>
</div>
<div class="container div2">
 <div class="row">
   <div class="col-md-5">
     <h1>About Page</h1>
       <p>
         <span>
           <ul class="content">
```

```
                    <li class="content"><b>U can see what's in the about page using this link</b></li>
                    </ul>
                  </span>
                 </p>
                </div>
                <div class="col-md-5">
                  <a href="about.html" alt="Transaction History">
                  <img src="static/Images/download.png" width="410" height="390">
                </a>
                </div>
                </div>
               </div>
               <div class="container div2">
                <div class="row">
                  <div class="col-sm-5">
                    <a href="signup.html" alt="Make A Transaction">
                     <img src="static/Images/sign up.svg" width="410" height="390">
                    </a>
                    </div>
                    <div class="col-sm-5">
```

```
                <h1>Sign Up Page</h1>
                <p>
                  <span>
                    <ul class="content">
                     <li class="content"><b>Create an account for yourself and enjoy the priviliges given to you</b></li>
                    </ul>
                   </span>
                </p>
                </div>
              </div>
             </div>
             <div class="container div2">
              <div class="row">
                <div class="col-md-5">
                  <h1>Sign In Page</h1>
                    <p>
                      <span>
                        <ul class="content">
                          <li class="content"><b>Log In to your existing account if you have one</b></li>
                        </ul>
```

```
                    </span>
                  </p>
                </div>
                <div class="col-md-5">
                  <a href="signin.html" alt="Transaction History">
                  <img src="static/Images/sign in.svg" width="410"
height="390">
                </a>
                </div>
                </div>
              </div>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.j
s" integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOm
Mi466C8" 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"></sc
ript>
    <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>`
const jsSnippetContent = jsSnippet ? '\/\/ NOTICE!!! Initially embedded in our docs this JavaScript\n\/\/ file contains elements that can help you create reproducible\n\/\/ use cases in StackBlitz for instance\.\n\/\/ In a real project please adapt this content to your needs\.\n\/\/ \u002b\u002b\u002b\

global bootstrap: false *\/\n\n\(\(\) =\u003e \{\n \u0027use strict\u0027\n\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Tooltips\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Instantiate all tooltips in a docs or StackBlitz page\n document\.querySelectorAll\(\u0027\[data\-bs\-toggle=\u0022tooltip\u0022\]\u0027\)\n   \.forEach\(tooltip =\u003e \{\n new bootstrap\.Tooltip\(tooltip\)\n   \}\)\n\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Popovers\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Instantiate all popovers in a docs or StackBlitz page\n document\.querySelectorAll\(\u0027\[data\-bs\-toggle=\u0022popover\u0022\]\u0027\)\n   \.forEach\(popover =\u003e \{\n new bootstrap\.Popover\(popover\)\n   \}\)\n\n \/\/ \-\-\-\-\-\-\-\-\

bootstrap\.Toast\(toastNode, \{\n autohide: false\n \}\)\n\n toast\.show\(\)\n \}\)\n\n \/\/ Instantiate all toasts in a docs page only\n const toastTrigger = document\.getElementById\(\u0027liveToastBtn\u0027\)\n const toastLiveExample = document\.getElementById\(\u0027liveToast\u0027\)\n if \(toastTrigger\) \{\n toastTrigger\.addEventListener\(\u0027click\u0027, \(\) =\u003e \{\n const toast = new bootstrap\.Toast\(toastLiveExample\)\n\n toast\.show\(\)\n \}\)\n \}\n\n \/\/ \-\n \/\/ Alerts\n \/\/ \-\n \/\/ Used in \u0027Show live toast\u0027 example in docs or StackBlitz\n const alertPlaceholder = document\.getElementById\(\u0027liveAlertPlaceholder\u0027\)\n const alertTrigger = document\.getElementById\(\u0027liveAlertBtn\u0027\)\n\n const appendAlert = \(message, type\) =\u003e \{\n const wrapper = document\.createElement\(\u0027div\u0027\)\n wrapper\.innerHTML = \[\n `\u003cdiv class=\u0022alert alert\-\$\{type\} alert\-dismissible\u0022 role=\u0022alert\u0022\u003e`,\n `\u003cdiv\u003e\$\{message\}\u003c\/div\u003e`,\n \u0027 \u003cbutton type=\u0022button\u0022 class=\u0022btn\-close\u0022 data\-bs\-dismiss=\u0022alert\u0022 aria\-label=\u0022Close\u0022\u003e\u003c\/button\u003e\u0027,\n \u0027\u003c\/div\u003e\u0027\n \]\.join\(\u0027\u0027\)\n\n alertPlaceholder\.append\(wrapper\)\n \}\n\n if \(alertTrigger\) \{\n

alertTrigger\.addEventListener\(\u0027click\u0027, \(\) =\u003e \{\n appendAlert\(\u0027Nice, you triggered this alert message!\u0027, \u0027success\u0027\)\n \}\)\n \}\n\n \/\/ \-\-\-\

event\.relatedTarget\n \/\/ Extract info from data\-bs\-* attributes\n const recipient = button\.getAttribute\(\u0027data\-bs\-whatever\u0027\)\n\n \/\/ Update the modal\u0027s content\.\n const modalTitle = exampleModal\.querySelector\(\u0027\.modal\-title\u0027\)\n const modalBodyInput = exampleModal\.querySelector\(\u0027\.modal\-body input\u0027\)\n\n modalTitle\.textContent = `New message to \$\{recipient\}`\n modalBodyInput\.value = recipient\n \}\)\n\}\n\n\/\/ \-\-\-\

```
        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>
```

change pass.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-anchor: 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>
                </div>
              </div>
            </div>
          </nav>
<main class="form-signin  ">
  <form action = "{{ url_for("getUser")}}" method="POST">
    <img class="mb-4" src="static/Images/house-user-solid.svg" alt=""
width="72" height="57">
    <h1 class="h3 mb-3 fw-normal white">Change Password</h1>
    <div class="form-floating">
```

```
      <input type="email" class="form-control" id="floatingInput" name =
"uname" placeholder="name@example.com">
      <label for="floatingPassword">Password</label>
    </div>
    <br>
    <div class="form-floating">
      <input type="password" class="form-control" id="floatingPassword" name
= "upwd" placeholder="Password">
      <label for="floatingPassword">Confirm Password</label>
    </div>
    <button class="w-100 btn btn-lg bd-green-500 btn-outline-warning"
type="submit">Change</button><br><br>
  </form>
</main>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.j
s" integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOm
Mi466C8" 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"></sc
ript>

<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.c
ss" rel="stylesheet">
    <link href="https://getbootstrap.com/docs/5.2/assets/css/docs.css"
rel="stylesheet">
    <title>Bootstrap Example</title>
    <${'script'}
src="https:\/\/cdn\.jsdelivr\.net\/npm\/bootstrap@5\.2\.1\/dist\/js\/bootstrap\.bun
dle\.min\.js"></${'script'}>
  </head>
  <body class="p-3 m-0 border-0 ${classes}">
    <!-- Example Code -->
${htmlSnippet.replace(/^/gm, '    ')}
```

```
    <!-- End Example Code -->

  </body>

</html>`

    const jsSnippetContent = jsSnippet ? '\/\/ NOTICE!!! Initially embedded in our docs this JavaScript\n\/\/ file contains elements that can help you create reproducible\n\/\/ use cases in StackBlitz for instance\.\n\/\/ In a real project please adapt this content to your needs\.\n\/\/ \u002b\u002b\u002b\
```

document\.querySelectorAll\(\u0027\[data\-bs\-toggle=\u0022popover\u0022\]\u0027\)\n \.forEach\(popover =\u003e \{\n new bootstrap\.Popover\(popover\)\n \}\)\n\n \/\/ \-\-\-\

toast = new bootstrap\.Toast\(toastLiveExample\)\n\n toast\.show\(\)\n \}\)\n \}\n\n \/\/ \-\-\-\

\[type=\u0022checkbox\u0022\]\u0027\)\n   \.forEach\(checkbox =\u003e \{\n if \(checkbox\.id\.includes\(\u0027Indeterminate\u0027\)\) \{\n checkbox\.indeterminate = true\n   \}\n   \}\)\n\n \/\/ \-\-\-\

\$\{recipient\}`\n modalBodyInput\.value = recipient\n \}\)\n \}\n\n \/\/ \-\n \/\/ Offcanvas\n \/\/ \-\n \/\/ \u0027Offcanvas components\u0027 example in docs only\n const myOffcanvas = document\.querySelectorAll\(\u0027\.bd\-example\-offcanvas \.offcanvas\u0027\)\n if \(myOffcanvas\) \{\n myOffcanvas\.forEach\(offcanvas =\u003e \{\n offcanvas\.addEventListener\(\u0027show\.bs\.offcanvas\u0027, event =\u003e \{\n event\.preventDefault\(\)\n \}, false\)\n \}\)\n \}\n\}\)\(\)\n' : null

```
  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>
```

Error.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-anchor: 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="signin.css" rel="stylesheet">
  <link href="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="#">About Me</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">Main</a>
                </li>
                <li class="nav-item">
                  <a class="nav-link" href="about.html">About</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>
              </div>
            </div>
          </div>
        </nav>
```

```
<main class="form-signin">
  <form action="{{ url_for("login")}}">
    <div class="form-floating">
       <h1 class="pink div2">Sorry for the inconvience caused.</h1><br>
    </div>
    <br>
    <div class="form-floating">
       <h3 class="red div2">You have entered the wrong credentials.</h3><br>
    </div>
    <button class="w-100 btn btn-lg bd-purple-500 btn-outline-warning center" type="submit">Return To Home Page</button><br><br>
    </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>`

const jsSnippetContent = jsSnippet ? '\/\/ NOTICE!!! Initially embedded in our docs this JavaScript\n\/\/ file contains elements that can help you create reproducible\n\/\/ use cases in StackBlitz for instance\.\n\/\/ In a real project please adapt this content to your needs\.\n\/\/ \u002b\u002b\u002b\

global bootstrap: false *\/\n\n\(\(\) =\u003e \{\n \u0027use strict\u0027\n\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Tooltips\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Instantiate all tooltips in a docs or StackBlitz page\n document\.querySelectorAll\(\u0027\[data\-bs\-toggle=\u0022tooltip\u0022\]\u0027\)\n   \.forEach\(tooltip =\u003e \{\n new bootstrap\.Tooltip\(tooltip\)\n   \}\)\n\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Popovers\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Instantiate all popovers in a docs or StackBlitz page\n document\.querySelectorAll\(\u0027\[data\-bs\-toggle=\u0022popover\u0022\]\u0027\)\n   \.forEach\(popover =\u003e \{\n new bootstrap\.Popover\(popover\)\n   \}\)\n\n \/\/ \-\-\-\-\-\-\-\-\

\}\)\n \}\n\n \/\/ \-\n \/\/ Alerts\n \/\/ \-\n \/\/ Used in \u0027Show live toast\u0027 example in docs or StackBlitz\n const alertPlaceholder = document\.getElementById\(\u0027liveAlertPlaceholder\u0027\)\n const alertTrigger = document\.getElementById\(\u0027liveAlertBtn\u0027\)\n\n const appendAlert = \(message, type\) =\u003e \{\n   const wrapper = document\.createElement\(\u0027div\u0027\)\n   wrapper\.innerHTML = \[\n `\u003cdiv class=\u0022alert alert\-\$\{type\} alert\-dismissible\u0022 role=\u0022alert\u0022\u003e`,\n   `\u003cdiv\u003e\$\{message\}\u003c\/div\u003e`,\n   \u0027 \u003cbutton type=\u0022button\u0022 class=\u0022btn\-close\u0022 data\-bs\-dismiss=\u0022alert\u0022 aria\-label=\u0022Close\u0022\u003e\u003c\/button\u003e\u0027,\n \u0027\u003c\/div\u003e\u0027\n   \]\.join\(\u0027\u0027\)\n\n alertPlaceholder\.append\(wrapper\)\n \}\n\n if \(alertTrigger\) \{\n alertTrigger\.addEventListener\(\u0027click\u0027, \(\) =\u003e \{\n appendAlert\(\u0027Nice, you triggered this alert message!\u0027, \u0027success\u0027\)\n   \}\)\n \}\n\n \/\/ \-\n \/\/ Checks \u0026 Radios\n \/\/ \-\n \/\/ Indeterminate checkbox example in docs and StackBlitz\n document\.querySelectorAll\(\u0027\.bd\-example\-indeterminate \[type=\u0022checkbox\u0022\]\u0027\)\n   \.forEach\(checkbox =\u003e \{\n if \(checkbox\.id\.includes\(\u0027Indeterminate\u0027\)\) \{\n checkbox\.indeterminate = true\n   \}\n   \}\)\n\n \/\/ \-\n \/\/ Links\n \/\/ \-\n \/\/ Disable empty links in docs examples only\n document\.querySelectorAll\(\u0027\.bd\-content \[href=\u0022#\u0022\]\u0027\)\n   \.forEach\(link =\u003e \{\n link\.addEventListener\(\u0027click\u0027, event =\u003e \{\n

event\.preventDefault\(\)\n \}\)\n \}\)\n\n \/\/ \-\-\-\

```
      },
      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>
```

Forpass.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-anchor: 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>
              </div>
            </div>
          </div>
        </nav>
<main class="form-signin  ">
  <form action = "{{ url_for("getUser")}}" method="POST">
    <img class="mb-4" src="static/Images/house-user-solid.svg" alt="" width="72" height="57">
    <h1 class="h3 mb-3 fw-normal white">Change your password</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>
    <button class="w-100 btn btn-lg btn-warning btn-outline-warning"
type="submit"><a href="static/templates/changepass.html">Change
Password</a></button><br><br>
  </form>
</main>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.j
s" integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOm
Mi466C8" 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>`
    const jsSnippetContent = jsSnippet ? '\/\/ NOTICE!!! Initially embedded in our docs this JavaScript\n\/\/ file contains elements that can help you create reproducible\n\/\/ use cases in StackBlitz for instance\.\n\/\/ In a real project please adapt this content to your needs\.\n\/\/ \u002b\u002b\u002b\
```

toggle=\u0022tooltip\u0022\]\u0027\)\n \.forEach\(tooltip =\u003e \{\n new bootstrap\.Tooltip\(tooltip\)\n \}\)\n\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Popovers\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Instantiate all popovers in a docs or StackBlitz page\n document\.querySelectorAll\(\u0027\[data\-bs\-toggle=\u0022popover\u0022\]\u0027\)\n \.forEach\(popover =\u003e \{\n new bootstrap\.Popover\(popover\)\n \}\)\n\n \/\/ \-\-\-\-\-\-\-\-\

const toastLiveExample =

document\.getElementById\(\u0027liveToast\u0027\)\n if \(toastTrigger\) \{\n

toastTrigger\.addEventListener\(\u0027click\u0027, \(\) =\u003e \{\n const

toast = new bootstrap\.Toast\(toastLiveExample\)\n\n toast\.show\(\)\n

\}\)\n \}\n\n \/\/ \-\-\-\

\-\-\-\-\-\-\-\n \/\/ Checks \u0026 Radios\n \/\/ \-\-\-\-\-\-\-\

exampleModal\.querySelector\(\u0027\.modal\-title\u0027\)\n const modalBodyInput = exampleModal\.querySelector\(\u0027\.modal\-body input\u0027\)\n\n modalTitle\.textContent = `New message to \$\{recipient\}`\n modalBodyInput\.value = recipient\n \}\)\n \}\n\n \/\/ \-\-\-\

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

Home.html

```
  {% extends "base.html" %}
{% block head %}
<title>Home Page</title>
{% endblock %}
{% block body %}
<h1>Welcome to Home Page</h1>
<p> This is a paragraph</p>
{% endblock %}
```

Signin.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-anchor: 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>
              </div>
            </div>
          </div>
        </nav>
<main class="form-signin  ">
  <form action = "{{ url_for("getUser")}}" method="POST">
    <img class="mb-4" src="static/images/sign in.svg.png" alt="" width="72" height="57">
    <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 <img src="static/images/golo..png" alt="
" width="40" height="40"></b></p>

  </form>

</main>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.j
s" integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOm
Mi466C8" 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.c
ss" rel="stylesheet">
  <link href="https://getbootstrap.com/docs/5.2/assets/css/docs.css"
rel="stylesheet">
  <title>Bootstrap Example</title>
  <${'script'}
src="https:\/\/cdn\.jsdelivr\.net\/npm\/bootstrap@5\.2\.1\/dist\/js\/bootstrap\.bun
dle\.min\.js"></${'script'}>
 </head>
 <body class="p-3 m-0 border-0 ${classes}">
  <!-- Example Code -->
${htmlSnippet.replace(/^/gm, '    ')}
  <!-- End Example Code -->
 </body>
```

</html>`

const jsSnippetContent = jsSnippet ? '\/\/ NOTICE!!! Initially embedded in our docs this JavaScript\n\/\/ file contains elements that can help you create reproducible\n\/\/ use cases in StackBlitz for instance\.\n\/\/ In a real project please adapt this content to your needs\.\n\/\/ \u002b\u002b\u002b\

tener\(\u0027change\u0027, function \(\) \{\n if \(!toastPlacement\.dataset\.originalClass\) \{\n toastPlacement\.dataset\.originalClass = toastPlacement\.className\n \}\n\n toastPlacement\.className = `\$\{toastPlacement\.dataset\.originalClass\} \$\{this\.value\}`\n \}\)\n \}\n\n \/\/ Instantiate all toasts in a docs page only\n document\.querySelectorAll\(\u0027\.bd\-example \.toast\u0027\)\n \.forEach\(toastNode =\u003e \{\n const toast = new bootstrap\.Toast\(toastNode, \{\n autohide: false\n \}\)\n\n toast\.show\(\)\n \}\)\n\n \/\/ Instantiate all toasts in a docs page only\n const toastTrigger = document\.getElementById\(\u0027liveToastBtn\u0027\)\n const toastLiveExample = document\.getElementById\(\u0027liveToast\u0027\)\n if \(toastTrigger\) \{\n toastTrigger\.addEventListener\(\u0027click\u0027, \(\) =\u003e \{\n const toast = new bootstrap\.Toast\(toastLiveExample\)\n\n toast\.show\(\)\n \}\)\n \}\n\n \/\/ \-\-\-\

alertTrigger\.addEventListener\(\u0027click\u0027, \(\) =\u003e \{\n appendAlert\(\u0027Nice, you triggered this alert message!\u0027, \u0027success\u0027\)\n \}\)\n \}\n\n \/\/ \-\-\-\

```
\-\-\-
```

Signup.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 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>
            </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 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.j
s" integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOm
Mi466C8" 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.c
ss" 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>`

const jsSnippetContent = jsSnippet ? '\/\/ NOTICE!!! Initially embedded in our docs this JavaScript\n\/\/ file contains elements that can help you create reproducible\n\/\/ use cases in StackBlitz for instance\.\n\/\/ In a real project please adapt this content to your needs\.\n\/\/ \u002b\u002b\u002b\

new bootstrap\.Tooltip\(tooltip\)\n \}\)\n\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Popovers\n \/\/ \-\-\-\-\-\-\-\-\n \/\/ Instantiate all popovers in a docs or StackBlitz page\n document\.querySelectorAll\(\u0027\[data\-bs\-toggle=\u0022popover\u0022\]\u0027\)\n \.forEach\(popover =\u003e \{\n new bootstrap\.Popover\(popover\)\n \}\)\n\n \/\/ \-\-\-\-\-\-\-\-\

alertTrigger = document\.getElementById\(\u0027liveAlertBtn\u0027\)\n\n const appendAlert = \(message, type\) =\u003e \{\n const wrapper = document\.createElement\(\u0027div\u0027\)\n wrapper\.innerHTML = \[\n `\u003cdiv class=\u0022alert alert\-\$\{type\} alert\-dismissible\u0022 role=\u0022alert\u0022\u003e`,\n `\u003cdiv\u003e\$\{message\}\u003c\/div\u003e`,\n \u0027 \u003cbutton type=\u0022button\u0022 class=\u0022btn\-close\u0022 data\-bs\-dismiss=\u0022alert\u0022 aria\-label=\u0022Close\u0022\u003e\u003c\/button\u003e\u0027,\n \u0027\u003c\/div\u003e\u0027\n \]\.join\(\u0027\u0027\)\n\n alertPlaceholder\.append\(wrapper\)\n \}\n\n if \(alertTrigger\) \{\n alertTrigger\.addEventListener\(\u0027click\u0027, \(\) =\u003e \{\n appendAlert\(\u0027Nice, you triggered this alert message!\u0027, \u0027success\u0027\)\n \}\)\n \}\n\n \/\/ \-\-\-\

document\.getElementById\(\u0027exampleModal\u0027\)\n if \(exampleModal\) \{\n exampleModal\.addEventListener\(\u0027show\.bs\.modal\u0027, event =\u003e \{\n   \/\/ Button that triggered the modal\n   const button = event\.relatedTarget\n   \/\/ Extract info from data\-bs\-* attributes\n   const recipient = button\.getAttribute\(\u0027data\-bs\-whatever\u0027\)\n\n   \/\/ Update the modal\u0027s content\.\n   const modalTitle = exampleModal\.querySelector\(\u0027\.modal\-title\u0027\)\n   const modalBodyInput = exampleModal\.querySelector\(\u0027\.modal\-body input\u0027\)\n\n   modalTitle\.textContent = `New message to \$\{recipient\}`\n   modalBodyInput\.value = recipient\n   \}\)\n \}\n\n \/\/ \-\n \/\/ Offcanvas\n \/\/ \-\n \/\/ \u0027Offcanvas components\u0027 example in docs only\n const myOffcanvas = document\.querySelectorAll\(\u0027\.bd\-example\-offcanvas \.offcanvas\u0027\)\n if \(myOffcanvas\) \{\n myOffcanvas\.forEach\(offcanvas =\u003e \{\n offcanvas\.addEventListener\(\u0027show\.bs\.offcanvas\u0027, event =\u003e \{\n   event\.preventDefault\(\)\n   \}, false\)\n   \}\)\n \}\n\}\)\(\)\n' : null

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>
```

GitHub

https://github.com/IBM-EPBL/IBM-Project-4602-1658735625

Project demo link

As of now we couldn’t able to complete the project on due time ,

Lots of works are in under process ,so we are not able provide the demo link.