NEWS TRACKER APPLICATION

Project Name : News Tracker Application

Domain : Cloud Application Development

Team ID : PNT2022TMID20100

Team Leader : Praveen K S (711519BEC078)

Team Member 1 : Tamilmani R (711519BEC311)

Team Member 2 : Sanjay K (711519BEC093)

Team Member 3: Subash K (711519BEC310)

TABLE OF FIGURES

1. INTRODUCTION
    a. Project Overview
    b. Purpose

2. LITERATURE SURVEY
    a. References
    b. Problem Statement Definition

3. IDEATION & PROPOSED SOLUTION
    a. Empathy Map Canvas
    b. Ideation & Brainstorming
    c. Proposed Solution
    d. Problem Solution fit

4. REQUIREMENT ANALYSIS
    a. Functional requirement
    b. Non-Functional requirements

5. PROJECT DESIGN
    a. Data Flow Diagrams
    b. Solution & Technical Architecture
    c. User Stories

6. PROJECT PLANNING & SCHEDULING
    a. Sprint Planning & Estimation
    b. Sprint Delivery Schedule
    c. Reports from JIRA

7. CODING & SOLUTIONING
    7.1Feature 1

8. TESTING

8.1.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

1. INTRODUCTION

a. Project Overview

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

b. Purpose

Newspapers are one of the most popular and most needed commodities in our daily life. In today's busy world, reading newspapers has become one of the traditional ways of getting news. News is produced every minute and distributed via television, radio and the Internet, so the news updated the next morning is already outdated. So newspaper and magazine publishers have a hard time keeping up with the pace.
Change is needed and publishers must embrace mobile.

2. LITERATURE SURVEY

a. References

1.https://flask.palletsprojects.com/en/2.1.x/tutorial/

2.https://www.ibm.com/docs/en/db2-for-zos/11?topic=zos-db2-basics-tutorial-working-db2-interactiv ely

3.https://www.ibm.com/in-en/products/watson-assistant/docs-resources

4.https://www.ibm.com/blogs/cloud-archive/2019/03/video-containerization-explained/

5. https://developer.ibm.com/components/cloud-foundry/tutorials/

2.2 Problem Statement Definition

In today’s world we have a lot of work and there is no time to cope up with everything in the schedule. So, it is not possible to read the newspaper. By using this application, the user can access the news they are interested in and get a quick peek for the day. There are multiple news-sharing apps used by a single user and are often spammed with notifications. There is also a lot

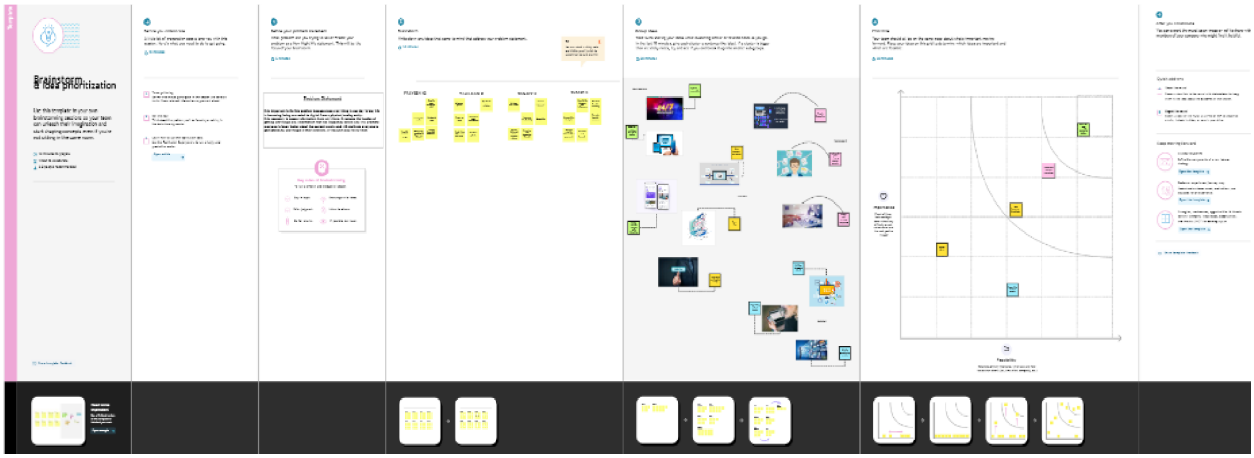
of fake news which gets shared. A news sharing app wants to help users find relevant and important news easily every day and also understand explicitly that the news is not fake but from proper sources. This news tracker application helps the user to get all information about commodities, sports, technology, education etc. The user can register using their personal details and interact with the application and save their time.Creating an app that benefits with the smart news filtering functionality where it allows its users to segregate various news sections, comprising business, sports, political, international, and more. The users can opt for filters like Breaking News, Most Popular, and more. Creating a user-friendly news app that would not just have good number of features, but will also be able to get

accessed by different types of users keeping the experience delightful

3.IDEATION & PROPOSED SOLUTION

3.1.Empathy Map Canvas

3.2.Ideation & Brainstorming

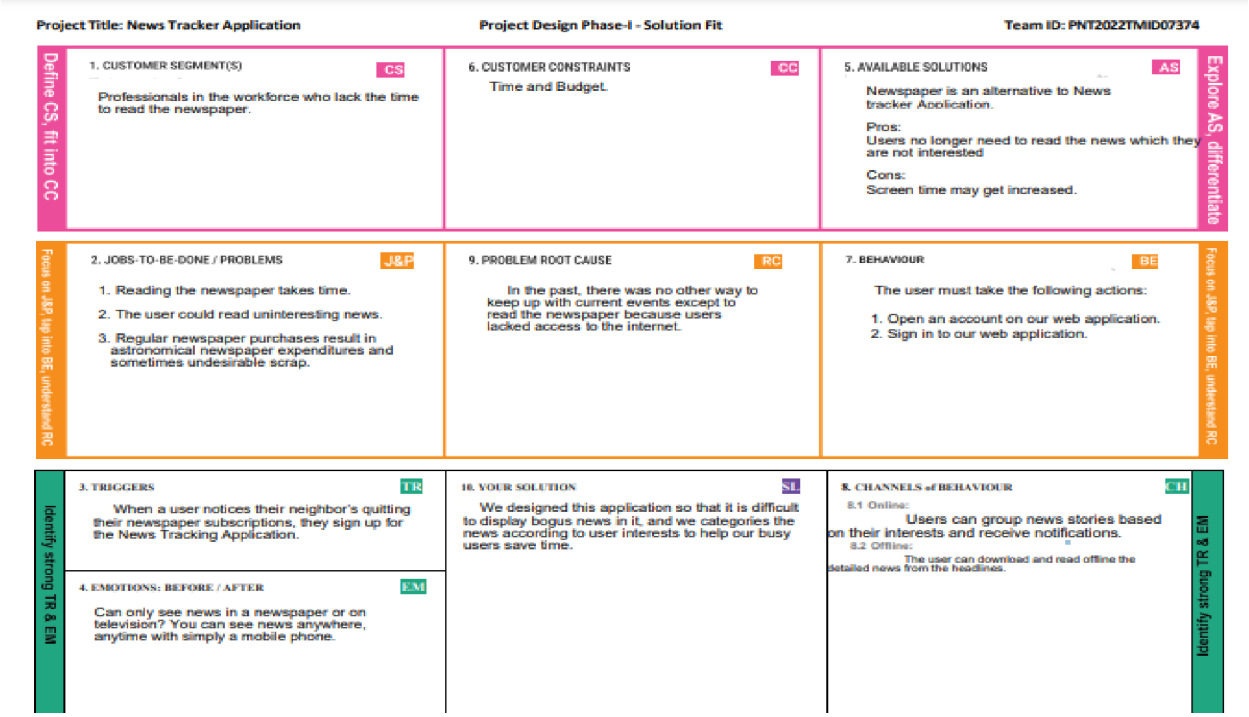


3.3.Proposed Solution

S.NO.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Statement: Numerous events take place daily around the world, and we depend on newspapers, television, and news articles to provide us with accurate information. Description: In order to provide such news from dependable sources globally in an orderly and effective manner, we developed a platform.
2.	Idea / Solution description	One location for all national and international news. News that you can rely on. a quick and effective system. limiting the dissemination of false information. Data backup and storage. Communication.
3.	Novelty / Uniqueness	Employing computers and networks, a news application based on cloud computing generates news and reports about events around the globe (Internet). News based on the most dependable and trustworthy sources worldwide. Constructing a sustainable and eco-friendly centre

4.	Social Impact / Customer Satisfaction	The ability to produce, organise, and exchange information globally is provided by cloud computing. Utilising cloud-based services enables quick sharing of critical information and access to a wider range of data. Our platform stops the propagation of misleading information and exposes the injustice and harm committed by erroneous organisations. Eliminating false information improves knowledge dissemination and understanding of real-world occurrences.
5.	Business Model (Revenue Model)	The topics covered by our application vary from politics to business to criminal justice to the environment to technology. Our company concept will be monetized and generate revenue by running on a subscription based, monthly and annual basis
6.	Scalability of the Solution	One of the criteria for measuring how well cloud services are used by enterprises is scalability. By expanding resource allocation and managing fluctuating demand 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.

3.4.Problem Solution fit



4.REQUIREMENT ANALYSIS

4.1Functional requirement

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Installation	➢ Install the app from Google play store or from the website
FR-2	User Registration	1. Registration through Form 2. Registration through Gmail
FR-3	User Confirmation	1. Confirmation via Email 2. Confirmation via OTP
FR-3	Location based	➢ News according to user's geo-location Track the Location of the news Local and Global News

FR-4	Real time News	1. News with real-time updates. 2. Actively connected to Cloud and News 3. Sources Auto update news because of the usage of API Number of comments in News
FR-5	Search based	1. Category-Wise News 2. Consumer interest-based News 3. Headlines and Trending News 4. Categorised News to help users reach content.

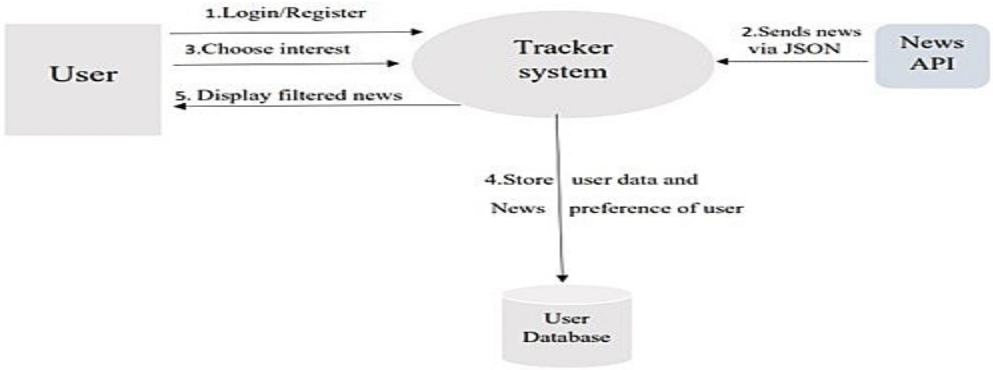
4.2Non-Functional requirements

FR No.	**Non-Functional Requirement**	**Description**
NFR-1	**Usability**	1. Up-to-date News 2. User-friendly Application 3. Compact and Clean UI 4. Trust-worthy and reliable News 5. Cloud-based microservices 6. Interest based News 7. Filtering function 8. Searching the information 9. Specific criteria and parameters
NFR-2	**Security**	1. Authentication and password management Spam of offensive comments. 2. Safe from bots
NFR-3	**Reliability**	1. Trusted News sources 2. Instant news at any particular time 3. Location of the news

NFR-4	**Performance**	1. Relevancy based news/story shared first. 2. Keep your user's attention with list views
NFR-5	**Availability**	➢ More sub-categories are available.
NFR-6	**Scalability**	1. Designing scalability tests Come up with possible user scenarios. You can modify them in various ways 2. Design a load test with a set number of virtual users 3. Run your test to simulate user requests.

5.PROJECT DESIGN

5.1Data Flow Diagrams



5.2. Solution & Technical Architecture

a. Find the best tech solution to solve existing business problems.

b. Describe the structure, characteristics, behaviour, and other aspects of the software to project stakeholders.

c. Define features, development phases, and solution requirements.

d. Provide specifications according to which the solution is defined, managed, and delivered.

5.3.User Stories

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.

6.PROJECT PLANNING & SCHEDULING

1. **1.Sprint Planning & Estimation**

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Tamilmani
Sprint1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Tamilmani
Sprint1		USN-3	As a user, I can register for the application through Facebook	1	Medium	Praveen
Sprint1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Sanjay

Sprint1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Sanjay
Sprint2	Dashboard	USN-6	As a user I should be able to navigate and access all the features hassle free	1	Low	Praveen
Sprint2	Layout	USN-7	As a user I should be able to access the portal with different devices with the same comfort	2	High	Sanjay
Sprint3	Data Store and retrieval	USN-8	Get Data from API and store as JSON in DB2	3	High	Praveen
Sprint3		USN-9	Get bin data from API and store in DFS	2	High	Subash
Sprint4	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	Subash
Sprint4	Change code	USN-11	As an administrator I should be able to modify code according to the future requirements.	2	Medium	Tamilmani
Sprint4	Monitor the system	USN-12	As an administrator I should be able to monitor the cloud system and fix errors before customer.	2	High	Subash

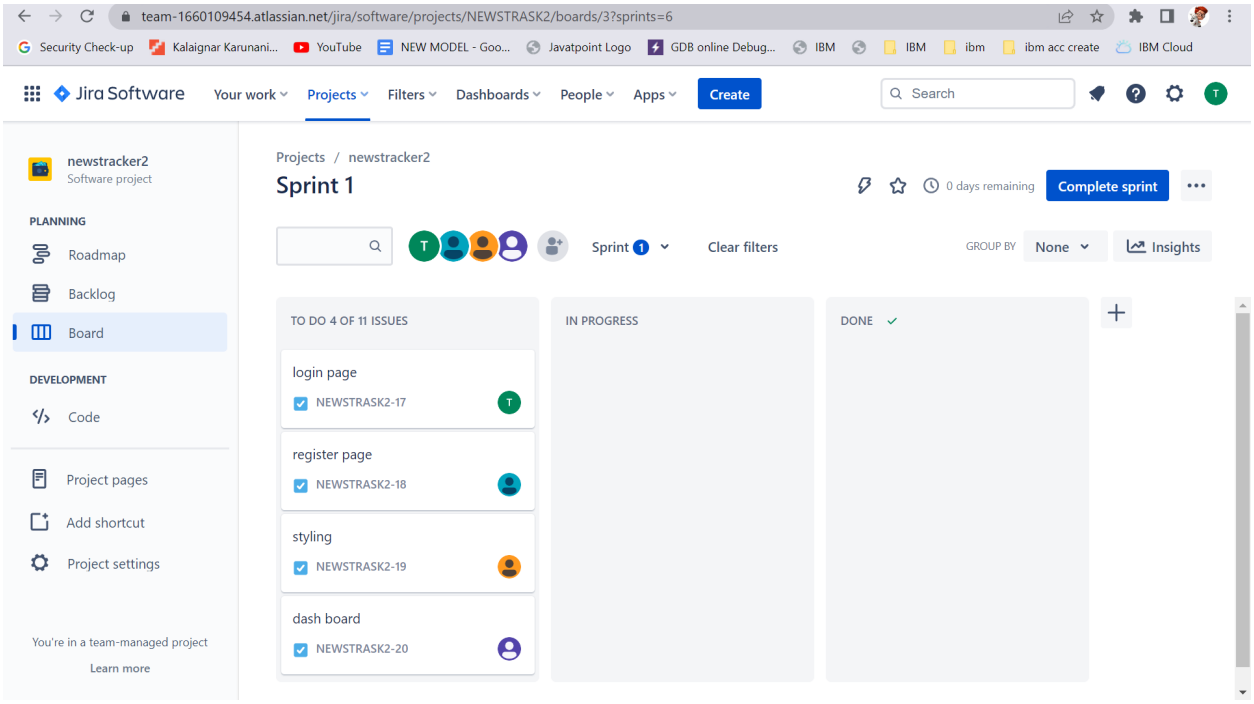
6.2.Sprint Delivery Schedule

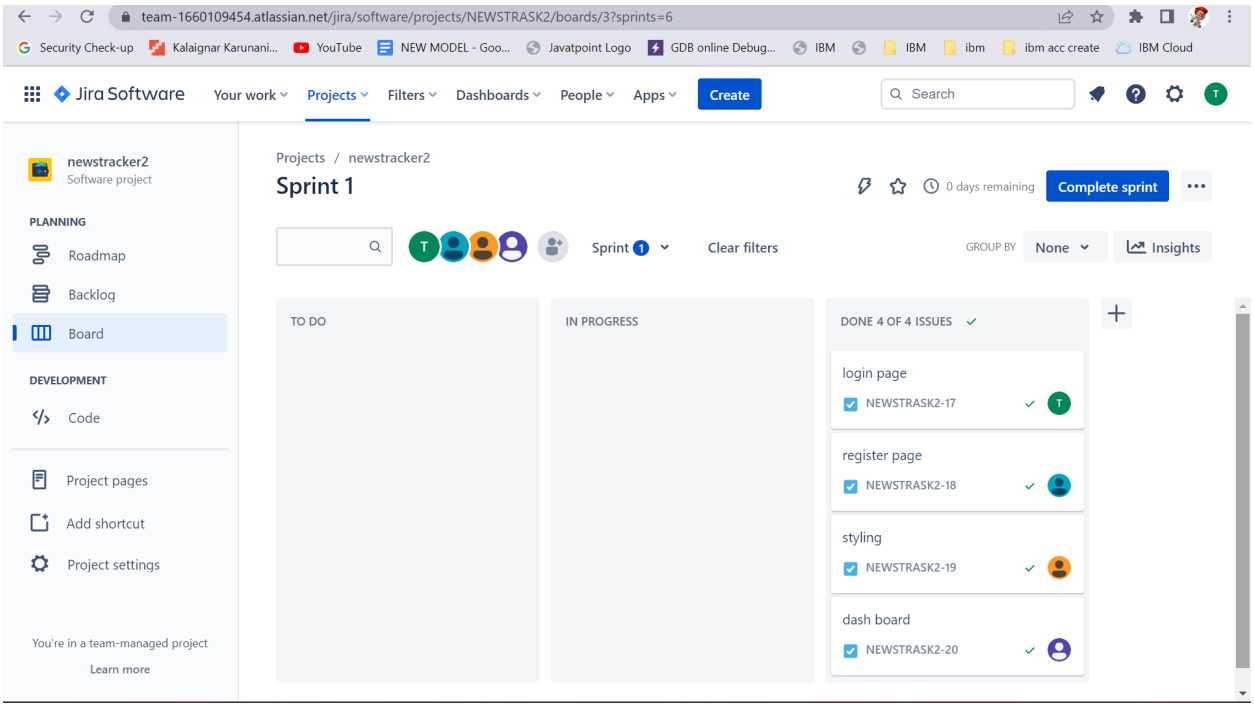
Sprint	**Total Story Points**	**Duration**	**Sprint Start Date**	**Sprint End Date (Planned)**	**Story Points Completed (as on Planned End Date)**	**Sprint Release Date (Actual)**

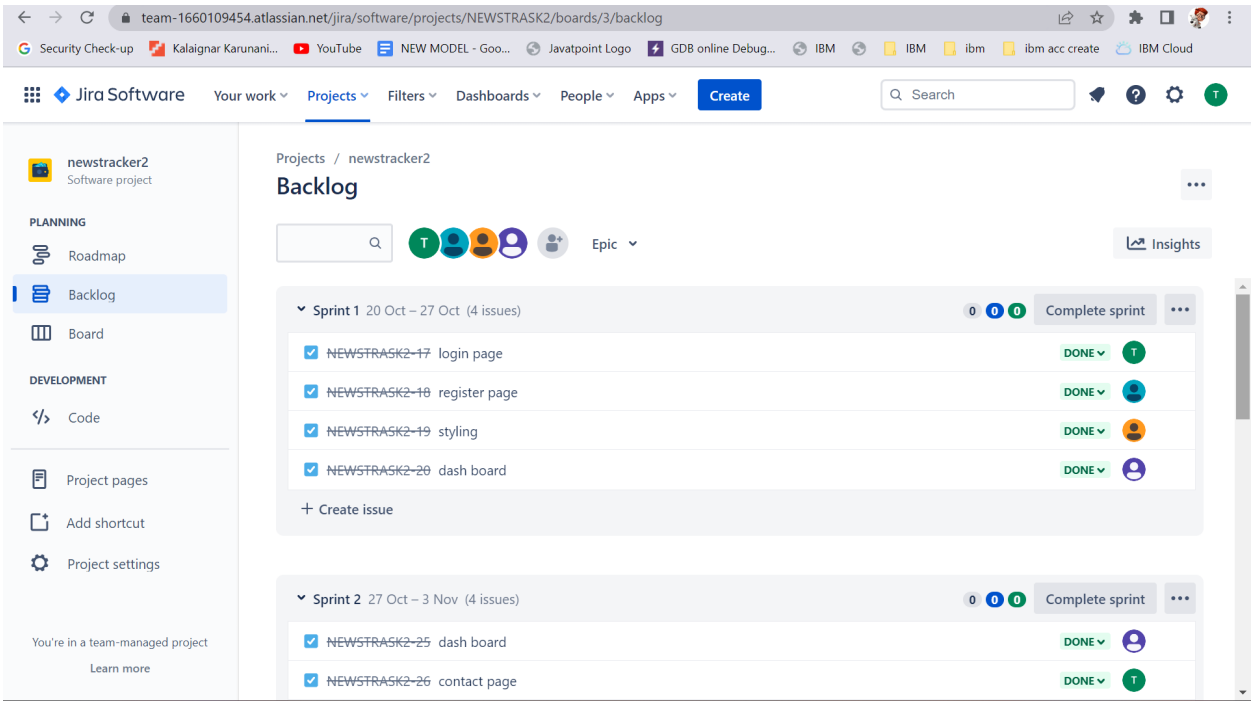
Sprint-1	20	6 Days	20 Oct 2022	27 Oct 2022	8	27 Oct 2022
Sprint-2	20	6 Days	27 Oct 2022	03 Nov 2022	3	03 Nov 2022
Sprint-3	20	6 Days	03 Nov 2022	10 Nov 2022	5	10 Nov 2022
Sprint-4	20	6 Days	10 Nov 2022	17 Nov 2022	5	17 Nov 2022

6.3.Reports from JIRA

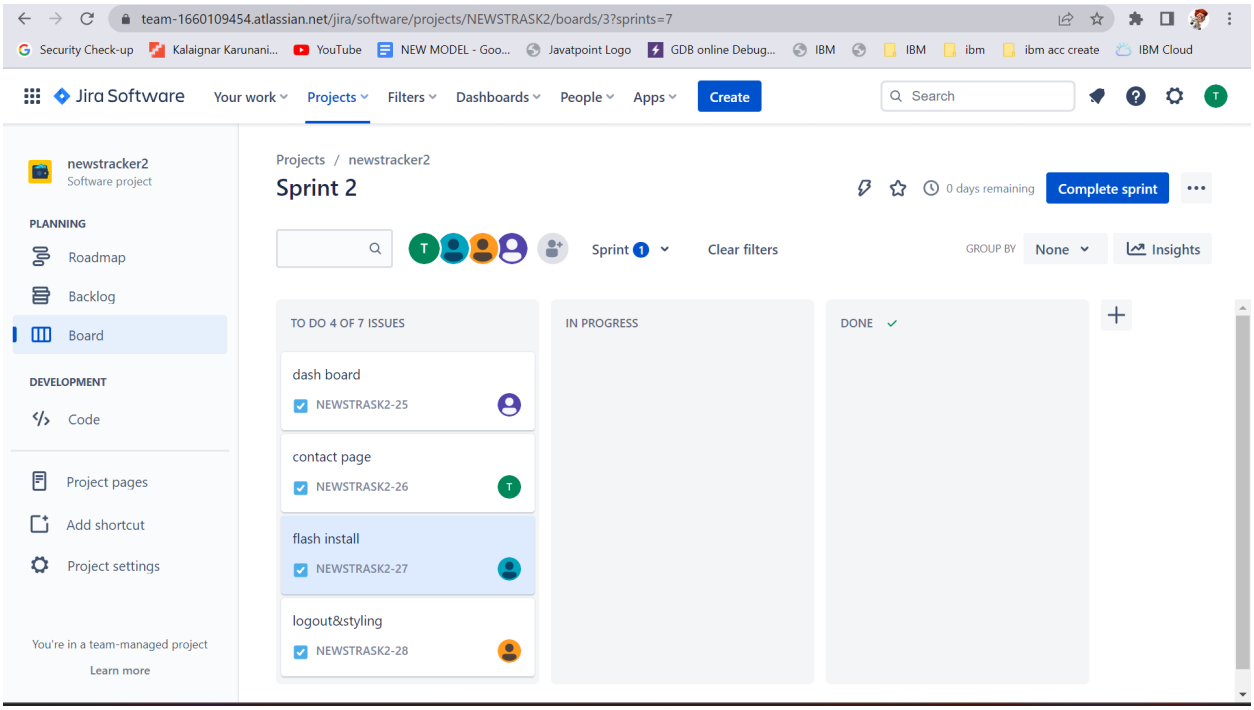
Sprit-1

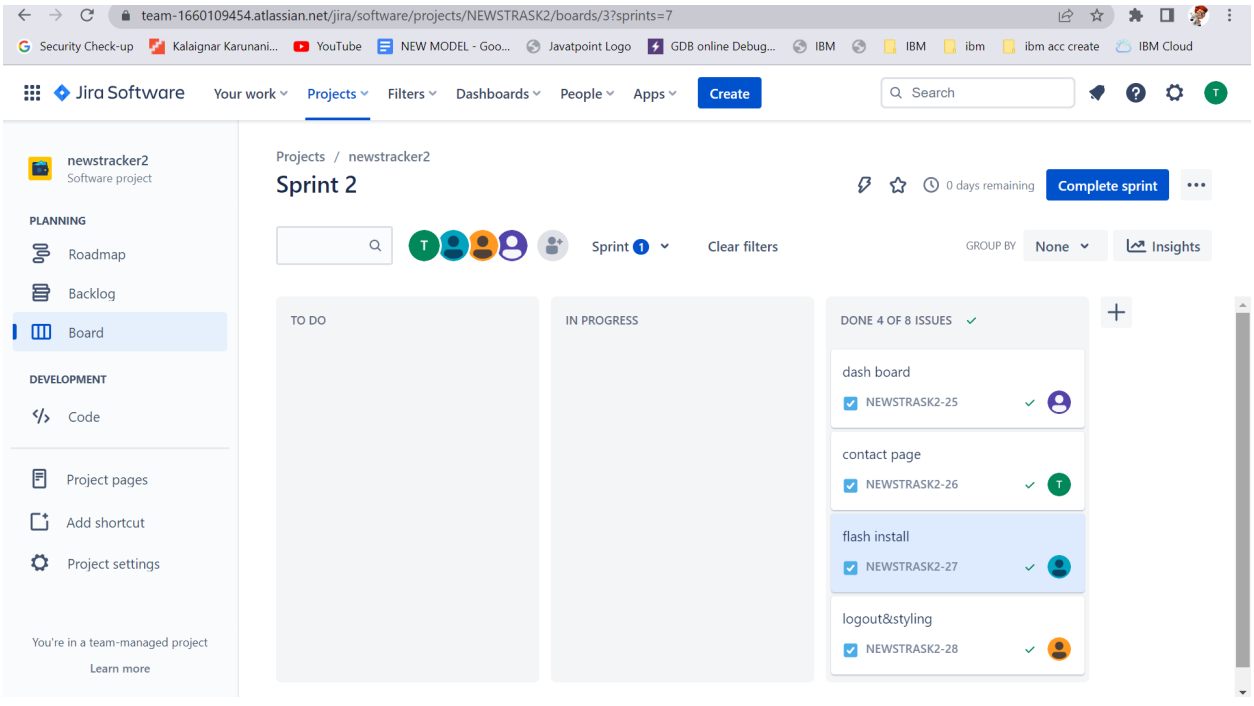


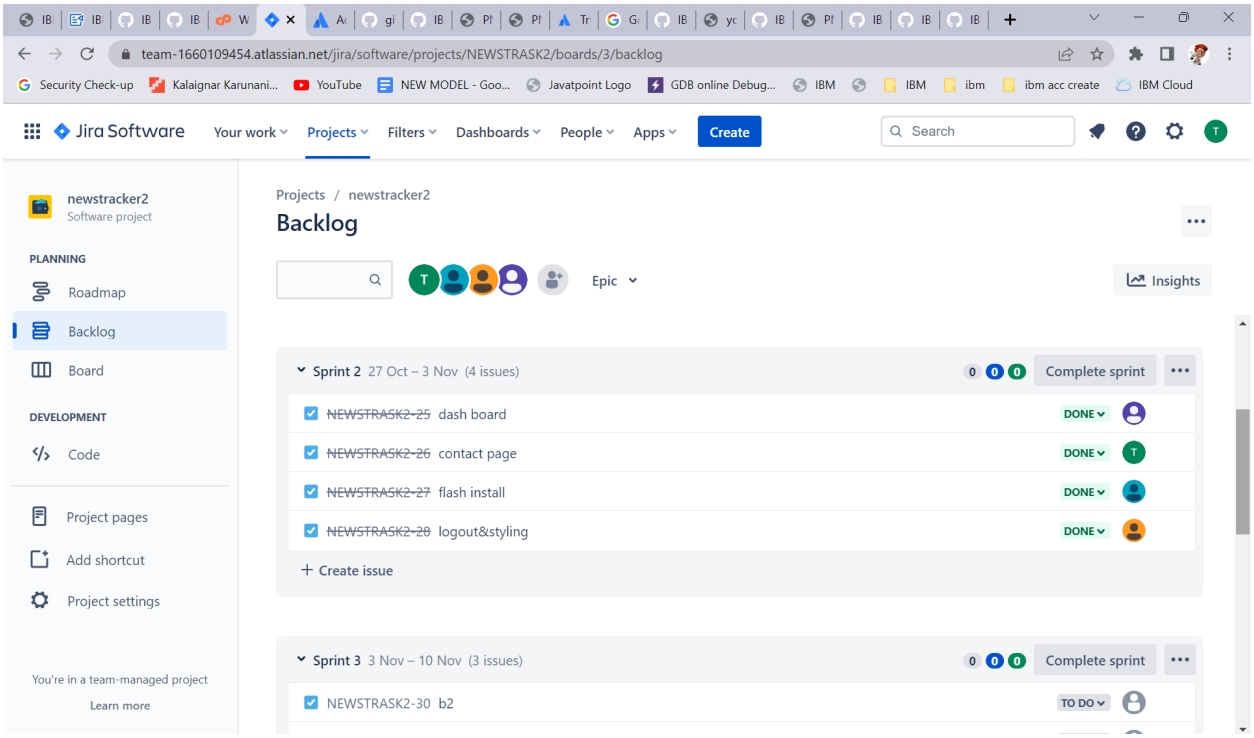

team-1660109454.atlassian.net/jira/software/projects/NEWSTRASK2/boards/3?sprints=6
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
newstracker2
Software project
PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / newstracker2
Sprint 1
0 days remaining
Complete sprint
Sprint 1
Clear filters
GROUP BY
None
Insights
TO DO
IN PROGRESS
DONE 4 OF 4 ISSUES
login page
NEWSTRASK2-17
register page
NEWSTRASK2-18
styling
NEWSTRASK2-19
dash board
NEWSTRASK2-20


team-1660109454.atlassian.net/jira/software/projects/NEWSTRASK2/boards/3/backlog
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
newstracker2
Software project
PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / newstracker2
Backlog
Epic
Insights
Sprint 1 20 Oct – 27 Oct (4 issues)
Complete sprint
NEWSTRASK2-17 login page
NEWSTRASK2-18 register page
NEWSTRASK2-19 styling
NEWSTRASK2-20 dash board
DONE
Create issue
Sprint 2 27 Oct – 3 Nov (4 issues)
Complete sprint
NEWSTRASK2-25 dash board
NEWSTRASK2-26 contact page
DONE

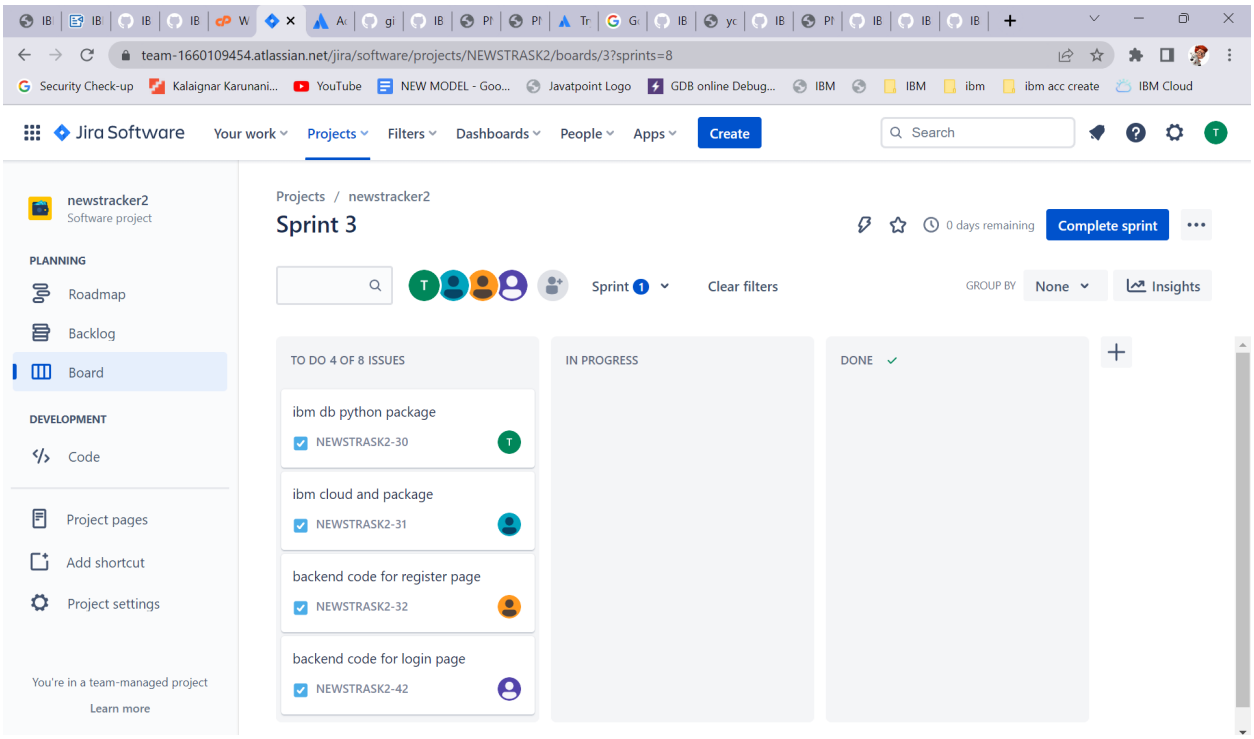
Sprint-2

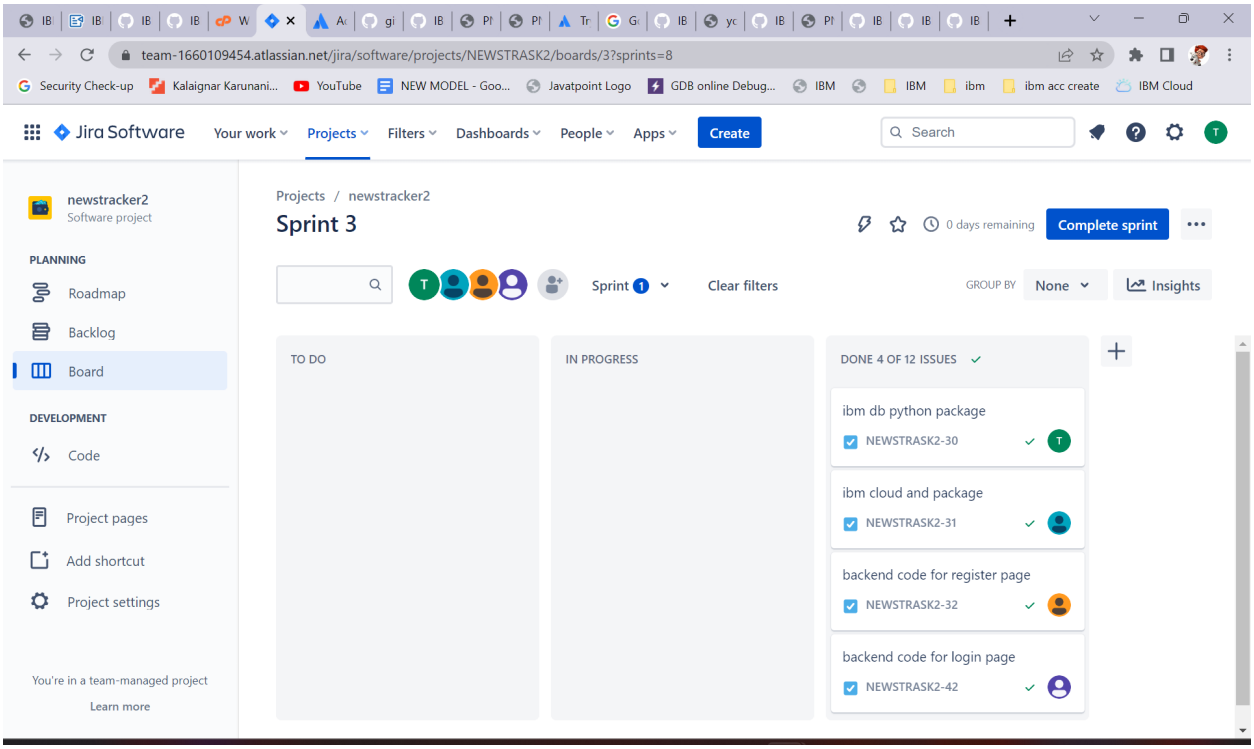

team-1660109454.atlassian.net/jira/software/projects/NEWSTRASK2/boards/3?sprints=7
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
newstracker2
Software project
PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / newstracker2
Sprint 2
0 days remaining
Complete sprint
Sprint 1
Clear filters
GROUP BY
None
Insights
TO DO 4 OF 7 ISSUES
IN PROGRESS
DONE
dash board
NEWSTRASK2-25
contact page
NEWSTRASK2-26
flash install
NEWSTRASK2-27
logout&styling
NEWSTRASK2-28

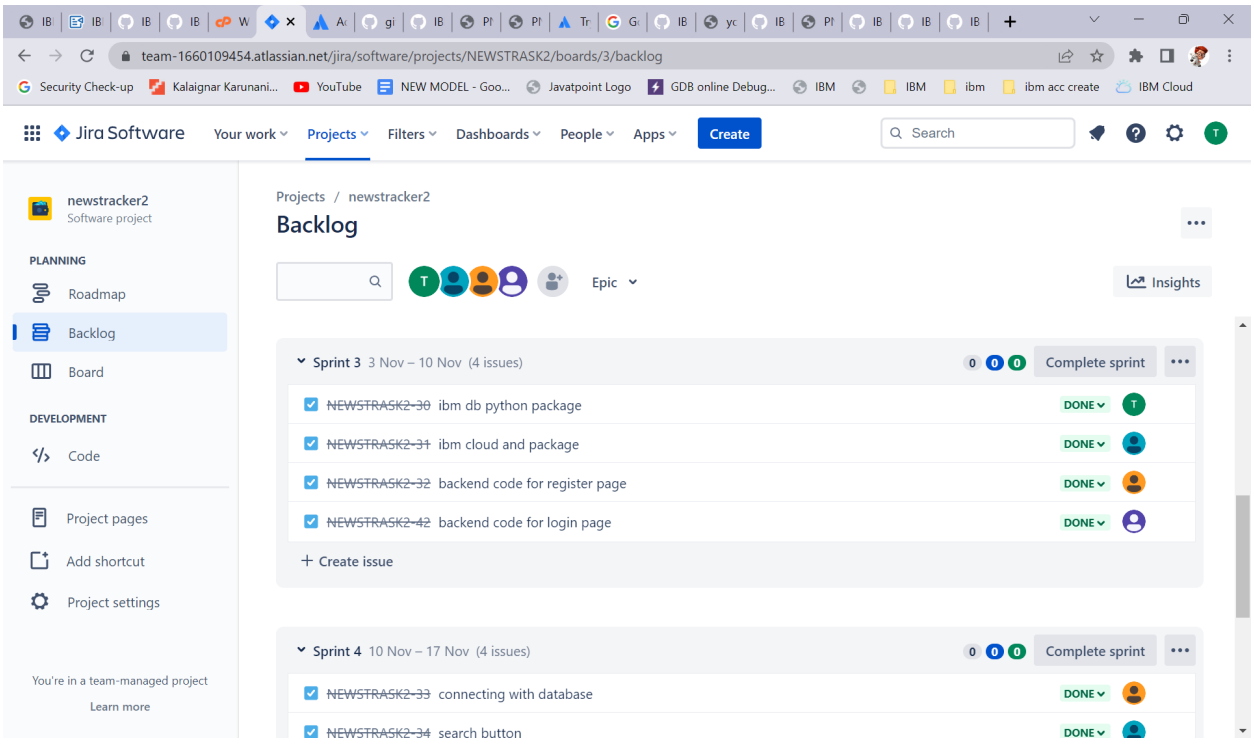

team-1660109454.atlassian.net/jira/software/projects/NEWSTRASK2/boards/3?sprints=7
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
newstracker2
Software project
PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / newstracker2
Sprint 2
0 days remaining
Complete sprint
Sprint 1
Clear filters
GROUP BY
None
Insights
TO DO
IN PROGRESS
DONE 4 OF 8 ISSUES
dash board
NEWSTRASK2-25
contact page
NEWSTRASK2-26
flash install
NEWSTRASK2-27
logout&styling
NEWSTRASK2-28


team-1660109454.atlassian.net/jira/software/projects/NEWSTRASK2/boards/3/backlog
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
newstracker2
Software project
PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / newstracker2
Backlog
Epic
Insights
Sprint 2 27 Oct – 3 Nov (4 issues)
Complete sprint
NEWSTRASK2-25 dash board
NEWSTRASK2-26 contact page
NEWSTRASK2-27 flash install
NEWSTRASK2-28 logout&styling
DONE
Create issue
Sprint 3 3 Nov – 10 Nov (3 issues)
NEWSTRASK2-30 b2
TO DO

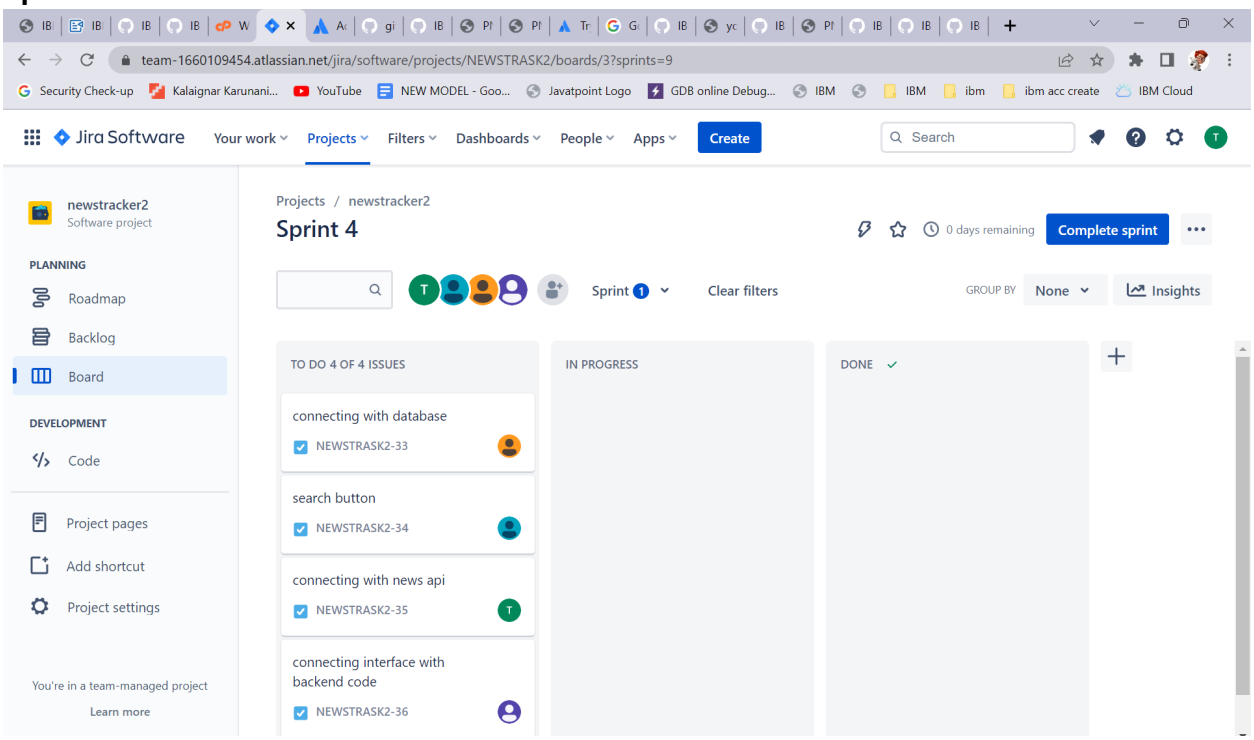
Sprint-3

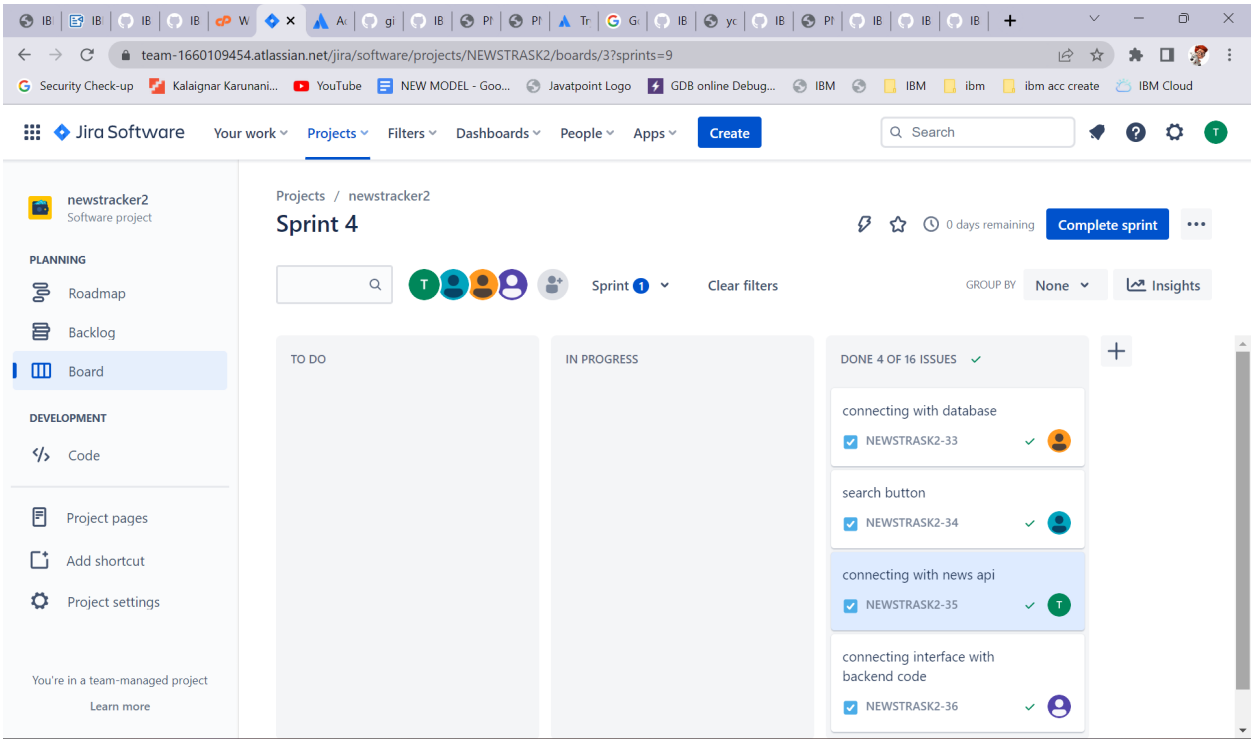

team-1660109454.atlassian.net/jira/software/projects/NEWSTRASK2/boards/3?sprints=8
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
newstracker2
Software project
PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / newstracker2
Sprint 3
0 days remaining
Complete sprint
Sprint 1
Clear filters
GROUP BY
None
Insights
TO DO 4 OF 8 ISSUES
IN PROGRESS
DONE
ibm db python package
NEWSTRASK2-30
ibm cloud and package
NEWSTRASK2-31
backend code for register page
NEWSTRASK2-32
backend code for login page
NEWSTRASK2-42

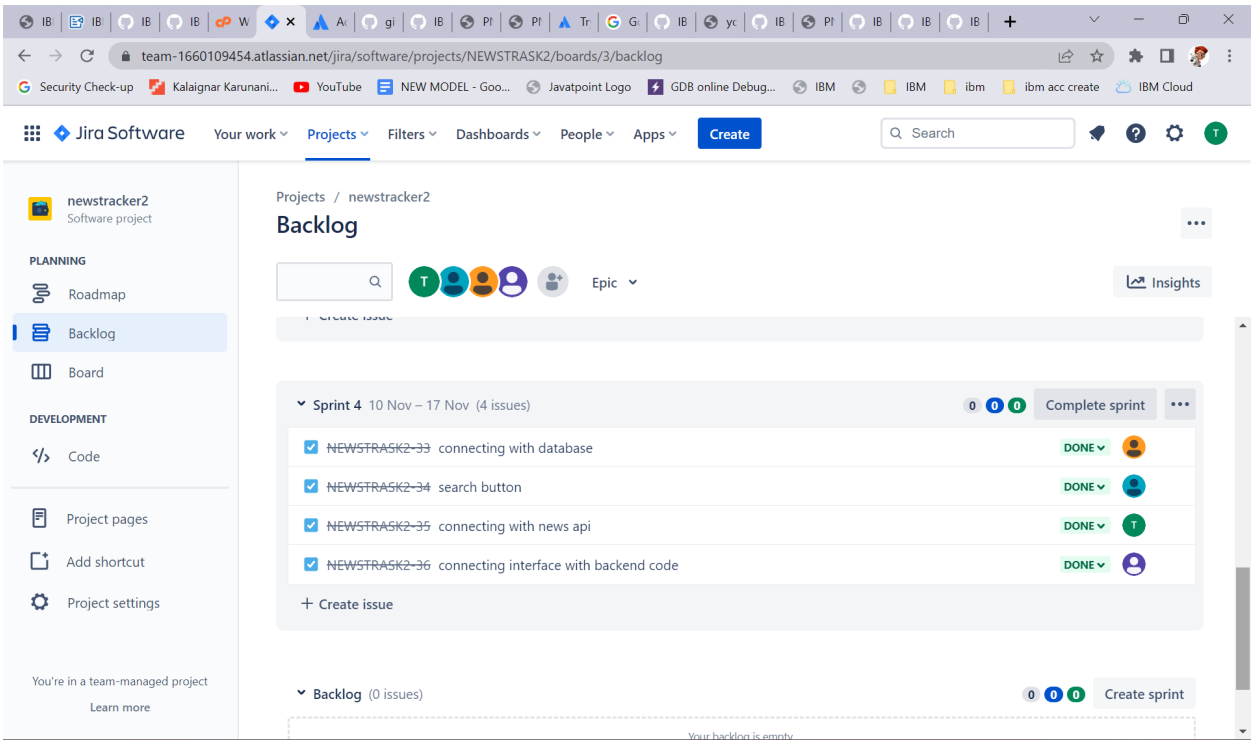

team-1660109454.atlassian.net/jira/software/projects/NEWSTRASK2/boards/3?sprints=8
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
newstracker2
Software project
PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / newstracker2
Sprint 3
0 days remaining
Complete sprint
Sprint 1
Clear filters
GROUP BY
None
Insights
TO DO
IN PROGRESS
DONE 4 OF 12 ISSUES
ibm db python package
NEWSTRASK2-30
ibm cloud and package
NEWSTRASK2-31
backend code for register page
NEWSTRASK2-32
backend code for login page
NEWSTRASK2-42


team-1660109454.atlassian.net/jira/software/projects/NEWSTRASK2/boards/3/backlog
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
newstracker2
Software project
PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / newstracker2
Backlog
Epic
Insights
Sprint 3 3 Nov – 10 Nov (4 issues)
Complete sprint
NEWSTRASK2-30 ibm db python package
NEWSTRASK2-31 ibm cloud and package
NEWSTRASK2-32 backend code for register page
NEWSTRASK2-42 backend code for login page
DONE
Create issue
Sprint 4 10 Nov – 17 Nov (4 issues)
Complete sprint
NEWSTRASK2-33 connecting with database
NEWSTRASK2-34 search button

Sprint-4


team-1660109454.atlassian.net/jira/software/projects/NEWSTRASK2/boards/3?sprints=9
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
newstracker2
Software project
PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / newstracker2
Sprint 4
0 days remaining
Complete sprint
Sprint 1
Clear filters
GROUP BY
None
Insights
TO DO 4 OF 4 ISSUES
IN PROGRESS
DONE
connecting with database
NEWSTRASK2-33
search button
NEWSTRASK2-34
connecting with news api
NEWSTRASK2-35
connecting interface with backend code
NEWSTRASK2-36


team-1660109454.atlassian.net/jira/software/projects/NEWSTRASK2/boards/3?sprints=9
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
newstracker2
Software project
PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / newstracker2
Sprint 4
0 days remaining
Complete sprint
Sprint 1
Clear filters
GROUP BY
None
Insights
TO DO
IN PROGRESS
DONE 4 OF 16 ISSUES
connecting with database
NEWSTRASK2-33
search button
NEWSTRASK2-34
connecting with news api
NEWSTRASK2-35
connecting interface with backend code
NEWSTRASK2-36



7.CODING & SOLUTIONING

7.1Feature 1

8.TESTING

8.1.User Acceptance Testing

Test case ID	Feature Type	[illegible] cat	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	[illegible] Result	[illegible] es	Comments	[illegible] Automation(Y/N)	[illegible] ID	Executed By
.oginPage_TC_001	Functional	Home Page	Verify user is able to see the Login/Signup popup when user clicked on My account button		1.Enter URL and click go 2.Click on My Account dropdown button 3.Verify login/Singup popup displayed or not	https://shopnazur.com/	Login/Signup popup should display	Working as expected	Pass				Kareppish
.oginPage_TC_002	UI	Home Page	Verify the UI elements in Login/Signup popup		1.Enter URL and click go 2.Click on My Account dropdown button 3.Verify login/Singup popup with below UI elements: a.email text box b.password text box c.Login button d.New customer? Create account link e.Lost password? Recovery password link	https://shopnazur.com/	Application should show below UI elements: a.email text box b.password text box c.Login button with orange colour d.New customer? Create account link e.Lost password? Recovery password link	Working as expected	Fail	Steps are not clear to follow		BUG-1234	Kowsick Srinivas
.oginPage_TC_003	Functional	Home page	Verify user is able to log into application with Valid credentials		1.Enter URL(https://shopnazur.com/) and click go 2.Click on My Account dropdown button 3.Enter Valid username/email in Email text box 4.Enter valid password in password text box 5.Click on login button	Username: chalsm@gmail.com password: Testing123	User should navigate to user account homepage						Naveeneth
.oginPage_TC_004	Functional	Login page	Verify user is able to log into application with InValid credentials		1.Enter URL(https://shopnazur.com/) and click go 2.Click on My Account dropdown button 3.Enter InValid username/email in Email text box 4.Enter valid password in password text box 5.Click on login button	Username: chalsm@gmail password: Testing123	Application should show 'Incorrect email or password ' validation message.						Naveen Raja
.oginPage_TC_004	Functional	Login page	Verify user is able to log into application with InValid credentials		1.Enter URL(https://shopnazur.com/) and click go 2.Click on My Account dropdown button 3.Enter Valid username/email in Email text box 4.Enter invalid password in password text box 5.Click on login button	Username: chalsm@gmail.com password: Testing12367666786576876	Application should show 'Incorrect email or password ' validation message.						Naveeneth
.oginPage_TC_005	Functional	Login page	Verify user is able to log into application with InValid credentials		1.Enter URL(https://shopnazur.com/) and click go 2.Click on My Account dropdown button 3.Enter InValid username/email in Email text box 4.Enter invalid password in password text box	Username: chalsm password: Testing12367666786576876	Application should show 'Incorrect email or password ' validation message.						Naveen Raja

9.RESULTS

9.1Performance Metrics

10.ADVANTAGES

1. All trending news will be displayed in a orderly manner.
2. We can costomize the topic which we are interested and make them display.
3. The user experience are quit simple and friendly.

10.DISADVANTAGES

1. Same news which is published in different websites can be displayed.
2. Delay response of news api can make the news collapse.

11.CONCLUSION

Thus the projected using IBM CLOUD is tested,verified and executed successfully.

12.Future scope

In future, we planned to implement this project in large scale which will be helpful and used by all the people.

13.APPENDIX

13.1.**Source Code**

CONTECT

```
<!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">
   <link rel="stylesheet" href="style.css">
   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.2.1/css/all.min.css" integrity="sha512-
MV7K8+y+gLIBoVD59lQIYicR65iaqukzvf/nwasF0nqhPay5w/9lJmVM2hMDcnK1OnMGCdVK+iQr
J7lzPJQd1w==" crossorigin="anonymous" referrerpolicy="no-referrer" />
   <title>Flash News Paper</title>
</head>
```

```
<body  class="container4">
   <div class="topnav">
      <a class="active" href="#">Flash News Paper</a>
      <div class="topnav-right">
         <a href="dashboard.html">Home</a>
         <a href="contact.html">Contact</a>
         <a href="index.html">Logout</a>
         <div class="search-group">
            <span class="icon"><i class="fa fa-search"></i></span>
            <input class="search-field" type="text" name="Search Bar" placeholder="Search Bar">
         </div>
      </div>
   </div>

   <div class="container1">
      <div class="flx3">
         <h2 class="clr">Team Members</h2>
         <h2 class="clr">Contact Link</h2>
         <h3>Praveen K S</h3>
         <a target="_blank" href="https://www.linkedin.com/in/kspraveen20/"><i class="fa-brands
fa-linkedin"></i></a>
         <h3>Tamilmani T</h3>
         <a target="_blank" href="https://www.linkedin.com/in/tamilmani7"><i class="fa-brands fa-
linkedin"></i></a>
         <h3>Subash K</h3>
         <a target="_blank" href="https://www.linkedin.com/in/subash-pmk"><i class="fa-brands
fa-linkedin"></i></a>
         <h3>Sanjay K</h3>
         <a target="_blank" href="https://www.linkedin.com/in/sanjay-k-b92640238"><i class="fa-
brands fa-linkedin"></i></a>
      </div>
   </div>


</body>
</html>
```

DASH BOARD

```
<!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">
    <link rel="stylesheet" href="style.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.2.1/css/all.min.css" integrity="sha512-
MV7K8+y+gLIBoVD59lQIYicR65iaqukzvf/nwasF0nqhPay5w/9lJmVM2hMDcnK1OnMGCdVK+iQr
J7lzPJQd1w==" crossorigin="anonymous" referrerpolicy="no-referrer" />
    <title>Flash News Paper</title>
</head>
<body>
    <div class="topnav">
        <a class="active" href="#">Flash News Paper</a>
        <div class="topnav-right">
            <a href="dashboard.html">Home</a>
            <a href="contact.html">Contact</a>
            <a href="index.html">Logout</a>
            <div class="search-group">
                <span class="icon"><i class="fa fa-search"></i></span>
                <input class="search-field" type="text" name="Search Bar" placeholder="Search Bar">
            </div>
        </div>
    </div>

    <div class="container3 flx2">
        <div class="image-post">
            <a href="{{url}}"><img class="images" src="{{img}}"></a>
        </div>
        <div class="content">
            <div>
                <a href="{{url}}"><h1 class="title-txt">{{title}}</h1></a>
            </div>
            <div>
                <p class="content-txt">{{desc}}</p>
            </div>
            <div class="pd-txt flx">
                <p>Publish Date : </p>
                <p> {{date_time}}</p>
            </div>
        </div>
    </div>
```

```
</body>
</html>
```

INDEX

```
<!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">
   <link rel="stylesheet" href="style.css">
   <title>Flash News Paper</title>
</head>
<body>
   <div class="topnav">
      <a class="active" href="#">Flash News Paper</a>
      <div class="topnav-right">
         <a href="index.html">Login</a>
         <a href="register.html">Register</a>
      </div>
   </div>
   <form class="container divs" action="dashboard">
      <h2 class="h-title">Login Page</h2>
      <div class="flx input-text">
         <h4>Email :</h4>
         <input type="email" placeholder="email..." required>
      </div>
      <div class="flx input-text">
         <h4>Password :</h4>
         <input type="text" placeholder="password..." required>
      </div>
      <div class="h-title">
         <button type="submit" class="submit">Submit</button>
      </div>
   </form>

</body>
</html>
```

REGISTER

```
<!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">
   <link rel="stylesheet" href="style.css">
   <title>Flash News Paper</title>
</head>
<body>
   <div class="topnav">
      <a class="active" href="#">Flash News Paper</a>
      <div class="topnav-right">
         <a href="index.html">Login</a>
         <a href="register.html">Register</a>
      </div>
   </div>
   <form class="container2 divs" action="dashboard.html">
      <h2 class="h-title">Register Page</h2>
      <div class="flx input-text">
         <h4>Username :</h4>
         <input type="text" placeholder="Username..." required>
      </div>
      <div class="flx input-text">
         <h4>Email :</h4>
         <input type="email" placeholder="email..." required>
      </div>
      <div class="flx input-text">
         <h4>Password :</h4>
         <input type="text" placeholder="password..." required>
      </div>
      <div class="h-title">
         <button type="submit" class="submit">Submit</button>
      </div>
   </form>

</body>
</html>
```

STYLING

```
* {
   margin: 0;
   padding: 0;
   font-family: Arial, Helvetica, sans-serif;
```

```
    box-sizing: border-box;
}

.search-bar {
  margin: 10px;
}
.topnav {
    overflow: hidden;
    background-color: #333;
  }

  .topnav a {
    float: left;
    color: #f2f2f2;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
    font-size: 17px;
  }

  .topnav a:hover {
    background-color: #ddd;
    color: black;
  }

  .topnav a.active {
    background-color: #04AA6D;
    color: white;
  }

  .topnav-right {
    float: right;
  }

  .container2 {
    box-sizing: border-box;
    padding: 30px;
    border: 2px solid #111;
    border-radius: 5px;
    width: 400px;
    height: 290px;
```

```
    margin: 100px auto;
    background-color: rgba(0,0,0,0.1);
  }

.container {
  box-sizing: border-box;
  padding: 30px;
  border: 2px solid #111;
  border-radius: 5px;
  width: 400px;
  height: 250px;
  margin: 100px auto;
  background-color: rgba(0,0,0,0.1);
}

input {
    padding: 5px 20px;
}

.input-text input {
  padding: 5px 20px;
  border: 1px solid black;
  border-radius: 2px;
  background-color: rgba(0,0,0,0.1);
}

.submit {
    color: #f2f2f2;
    background-color: red;
    border: 1px solid red;
    border-radius: 5px;
    padding: 10px 20px;
}

.search-group {
  display: flex;
  flex-direction: row;
  align-items: center;
  margin: 10px;
  border: 1px solid #ccc;
}
```

```
.icon {
  padding: 3px 3px;
  background: #ccc;
  color: #fff;
}

.search-field {
  flex: 1;
  width: 100%;
  padding: 3px 10px;
  border: none;
  outline: none;
  font-size: 1em;
}

.h-title {
  text-align: center;
  color: rebeccapurple;
}

.flx {
  display: flex;
  justify-content: space-between;
}
.flx2 {
  display: flex;
}
.divs div {
  margin: 20px auto;
}

.container3 {
  box-sizing: border-box;
  width: 100%;
  background-color: rgba(0,0,0,0.3);
  padding: 30px;
  display: flex;
}

.image-post {
```

```
  box-sizing: border-box;
  margin-right: 40px;
  border: 2px solid #111;
  width: 600px;
  height: 400px;
}

images {
  width: 600px;
  height: 400px;
}
.title-txt {
  color: blueviolet;
  margin: 10px;
}

.content-txt {
  color: rgb(255, 166, 0);
  margin: 10px;
}

.pd-txt {
  color: green;
  font-weight: bold;
}

.container4 {
  background-color: rgba(0,0,0,0.5);
  box-sizing: border-box;
  max-width: 100%;
  max-height: 100%;
}

.container1 {
  width: 500px;
  height: 400px;
  margin: 50px auto;
  background-color: #fff;
  border: 2px solid #111;
  border-radius: 5px;
}
```

```
.flx3 {
  width: 100%;
  height: 100%;
  display: grid;
  grid-template-columns: 1fr 1fr;
  grid-template-rows: repeat(5, 1fr) ;
  text-align: center;
  padding-top: 30px;
  background-color: #13f8a44e;
}

.box {
  box-sizing: border-box;
  margin-top: 20px;
}
.clr {
  color: red;
}
```

GitHub :
https://github.com/IBM-EPBL/IBM-Project-28250-1660109454

Project Demo Link: