


News App Documentation

Frontend Using Angular

Components:

Register Component: This component will take the user details to register in NewsApp.

 NewsApp

Login

REGISTER

Name *

temp

Email *

temp@gmail.com

Password *

temporary

Confirm Password *

temporary

Register

Login Component: This component will take the user credentials to login to their account.

NewsApp

Register

LOGIN

Email *
temp@gmail.com

Password *
temporary

Login

Dashboard Component: It will display the news articles fetched from the news api. It also contains other components such as filter which allows us to filter the news articles based on country and category. Another component is sort which sorts out articles based on source and date. It also has a search component to search any particular article

NewsApp

DashboardOld NewsBookMarksLogout

Search News

Q

Filter By

Country
United States

Category
General

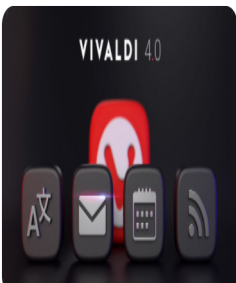
Sort By

Source

Date
Newest to Oldest

Top Headlines

VIVALDI 40




The Vivaldi browser now has mail, calendar, and an RSS reader built-in - The Verge

Description : Vivaldi is building email, RSS, and calendaring tools right into its browser, giving users an all-in-one option that's focused on privacy, as well as power-user features. The browser is also offering ...

Author : Mitchell Clark

7 hours ago

Read Full Article

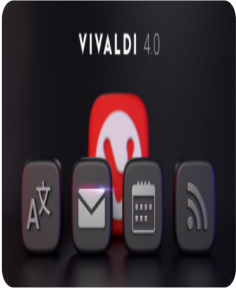


Bookmark Component: User will bookmark news from the dashboard. Bookmark section will show all bookmark news. Users can delete news from bookmarks. Pagination will help users to go through different pages to specific news.

NewsApp

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Your Bookmarks



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Remove From Bookmark


Items per page: 51 - 1 of 1< >>

NO data page will show when There is no bookmarked news in record.

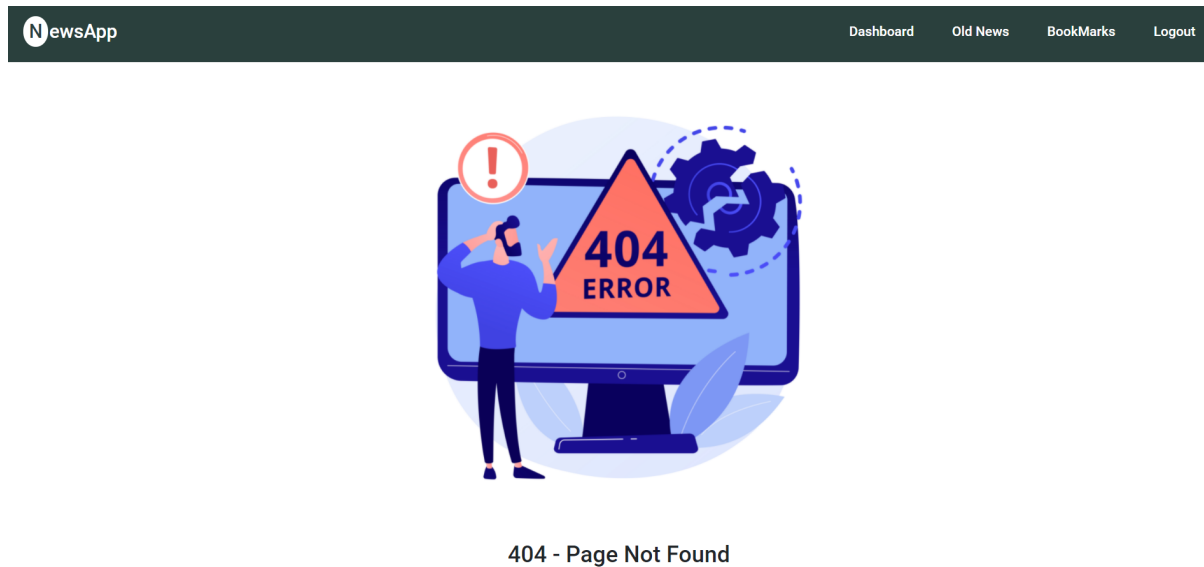
NewsApp

DashboardOld NewsBookMarksLogout

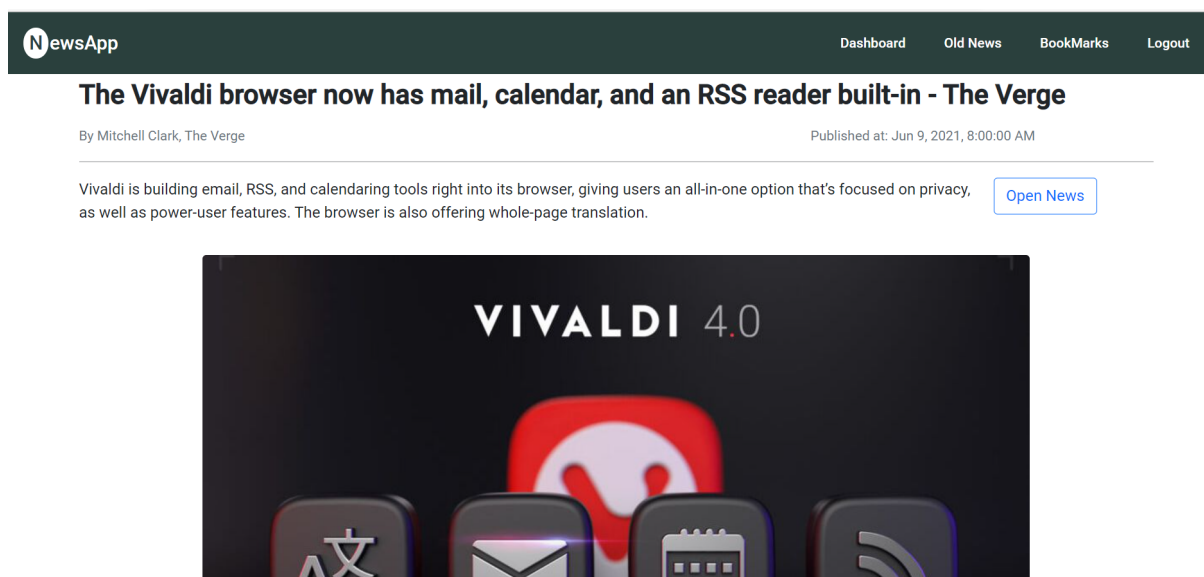
Your Bookmarks



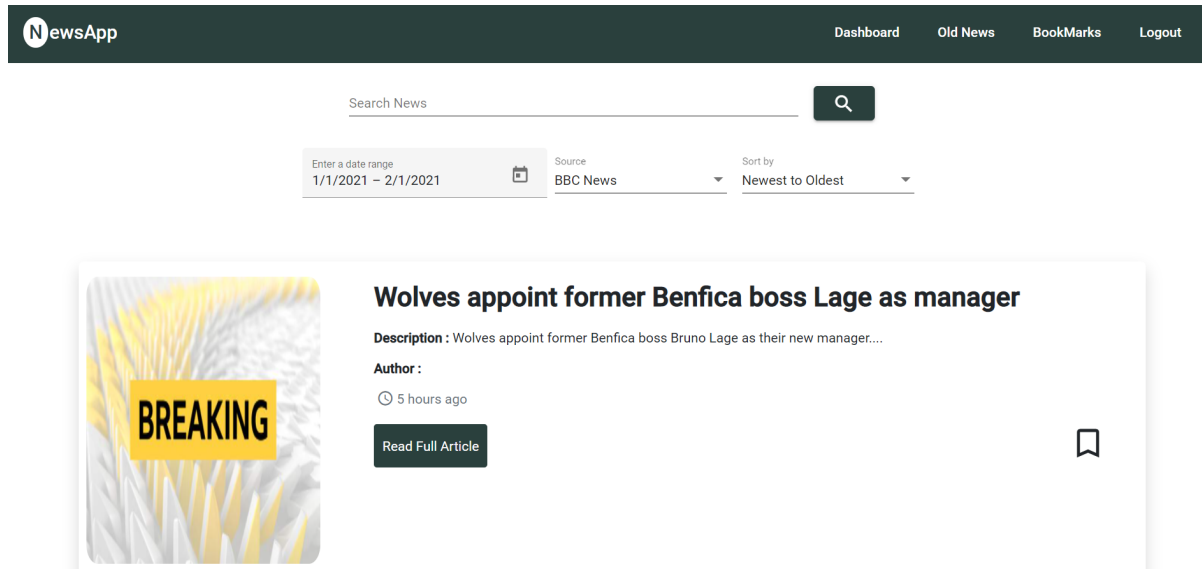
Page Not Found Component: 404 error page will show when there is no page against url



Full News Component: Users can see full news by clicking "Read full Article". This page shows complete details of news like date, description, image.




Old-News Component: This component allows users to select the date range and then it displays the articles of that range only. This also allows search and sort the news based on their preference.














Backend Using SpringBoot

MicroServices: Backend Auth Service: This microservice handles user registration and login. It will also generate a jwt token for authorization.



The screenshot shows the Package Explorer of an IDE with the following structure:

- Package Explorer 
- ▼  > backendauth [boot] [backendauth master]
 - ▼  > src/main/java
 - ▼  > com.newsapi
 - >  > NewsApiApplication.java
 - ▼  com.newsapi.Controller
 - >  UserController.java
 - ▼  com.newsapi.exceptions
 - >  UserAlreadyExistsException.java
 - ▼  com.newsapi.Model
 - >  User.java
 - ▼  com.newsapi.Repository
 - >  UserRepository.java
 - ▼  com.newsapi.Service
 - >  AuthService.java
 - >  UserService.java
 - >  UserServiceImpl.java
 - ▼  src/main/resources
 -  application.properties
 - >  src/test/java
 - >  JRE System Library [JavaSE-11]
 - >  Maven Dependencies
 - >  > bin
 - >  > src
 -  target
 -  mvnw
 -  mvnw.cmd
 -  > pom.xml

BookmarkService: Bookmark microservice will handle bookmark requests from frontend. It will add news to the mongo db database and delete it from the database according to request.

