

Project Documentation

InsightStream: Navigate the News Landscape

1. Introduction

- Project Title: InsightStream: Navigate the News Landscape
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2. Project Overview

- Purpose: The primary objective of InsightStream is to establish a user-friendly platform tailored for individuals who are passionate about staying informed, exploring diverse news topics, and accessing the latest updates.
- Features:
 - News from API Sources
 - Visual News Exploration
 - Intuitive Design
 - Advanced Search Feature

3. Architecture

- Frontend: React.js with Bootstrap and Material UI
- Backend: Node.js and Express.js managing server logic and API endpoints
- Database: MongoDB stores user data, project information, applications, and chat messages

4. Setup Instructions

- Prerequisites:
 - Node.js
 - MongoDB
 - Git
 - React.js
 - Express.js
 - Mongoose
 - Visual Studio Code

5. Folder Structure

```
CODE/  
├ node_modules/  
├ public/  
├ src/  
│ └ components/  
│   └ context/  
│     └ pages/
```

└ styles/

6. Running the Application

- **Frontend:**
cd client
npm start
- **Backend:**
cd server npm
start
- **Access:** Visit <http://localhost:3000>

7. API Documentation

- **User:**
 - /api/user/register
 - /api/user/login
- **Projects:**
 - /api/projects/create
 - /api/projects/:id
- **Applications:**
 - /api/apply
- **Chats:**
 - /api/chat/send
 - /api/chat/:userId

8. Authentication

- JWT-based authentication for secure login
- Middleware protects private routes

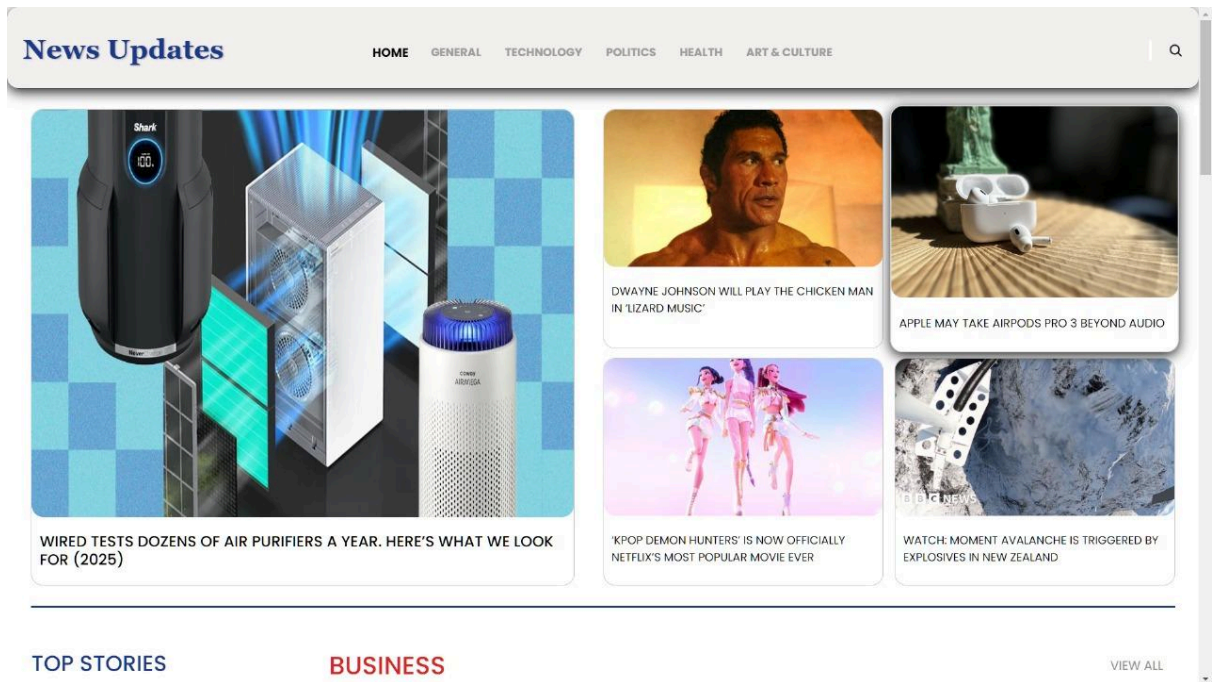
9. User Interface

- Landing Page
- Freelancer Dashboard
- Admin Panel
- Project Details Page

10. Testing

- Manual testing during milestones
- Tools: Postman, Chrome Dev Tools

11. Screenshots or Demo



Drive link of Demo Video:

https://drive.google.com/file/d/1VoF3qO6Eu6cYrX66LxD7d_w3KluY4g4C/view?usp=sharing

12. Known Issues: No Issues.

13. Future Enhancements: The known issues will be fixed in future.