Project Documentation

Insight Stream : Navigate the News Landscape

# Introduction

## Project Title: Insight Stream : Navigate the News Landscape

* + **Team ID : NM2025TMID34288**
  + **Team Leader:** JEEVITHA C & jeevitha310308@gmail.com

## Team Members:

HARSHINI M & [*harshinimuthu2024@gmail.com*](mailto:harshinimuthu2024@gmail.com)

SARANYA C & [sarankutty2007@gmail.com](mailto:sarankutty2007@gmail.com)

PRAKATHY C & [prakathytherapadi@gmail.com](mailto:prakathytherapadi@gmail.com)

SUBIKSHA S & [subiksha052007@gmail.com](mailto:subiksha052007@gmail.com)

# 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:

* Intuitive Interface
* Dynamic Search
* Vast News Categories
* Personalized Consumption

# Architecture

* + **Frontend:** React.js & Node.js
  + **.Backend:** MongoDB
  + **Database:** MongoDB

# Setup Instructions

## Prerequisites:

* + - Node.js
    - MongoDB
    - Git
    - React.js
    - Express.js **–** Mongoose **–** Visual Studio Code

## Installation Steps:

# npm install

# npm start

# Folder Structure

SB-Works/

|-- client/ # React frontend

| components/ L pages/

| server/ # Node.js backend

| routes/

| models/

| controllers/

# Running the Application

## Frontend:

Node js

VS code

## Backend :

Mongo DP

* + **Access:** Visit [http://localhost:3000](http://localhost:3000/)

# API Documentation

## User:

* + - /api/user/register
    - /api/user/login

## Projects:

/api/projects/create

/api/projects/:id • **Applications:** /Api/apply

**Authentication**

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

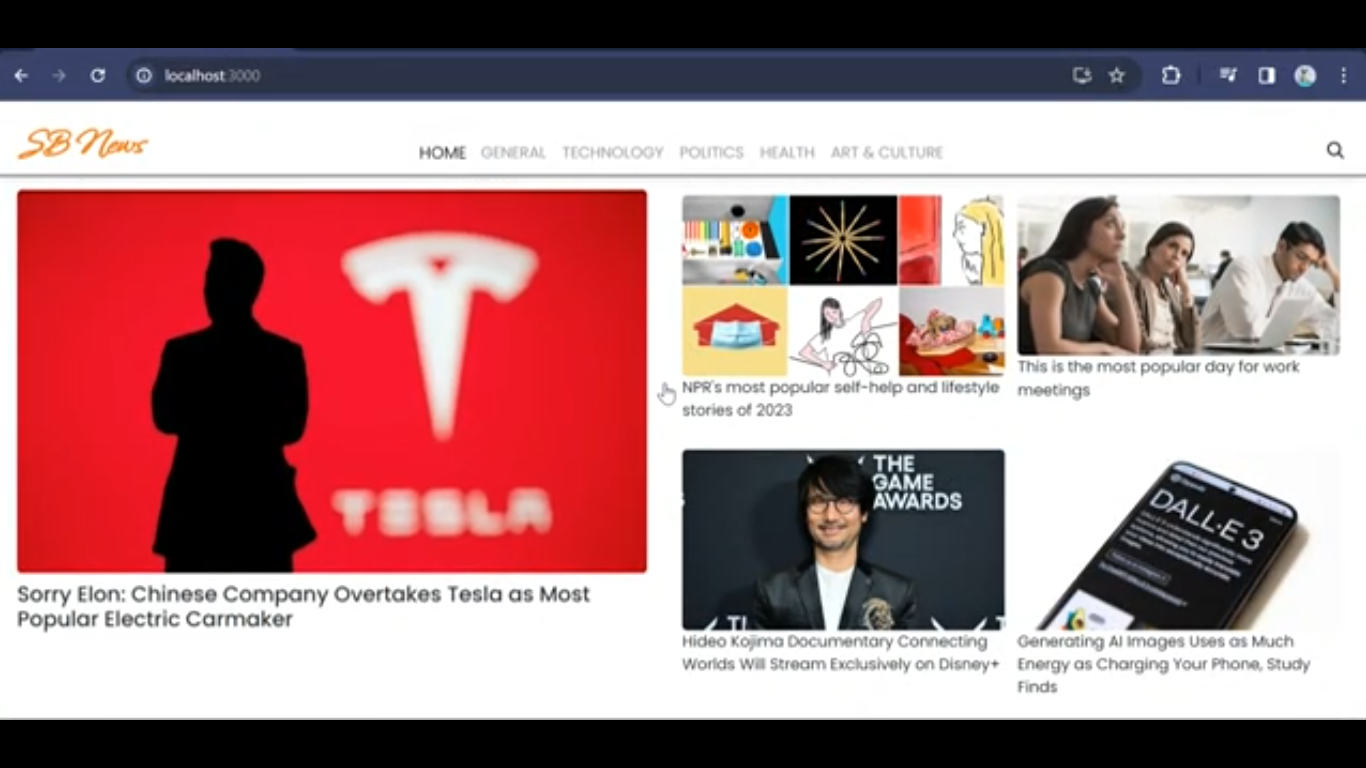
# User Interface

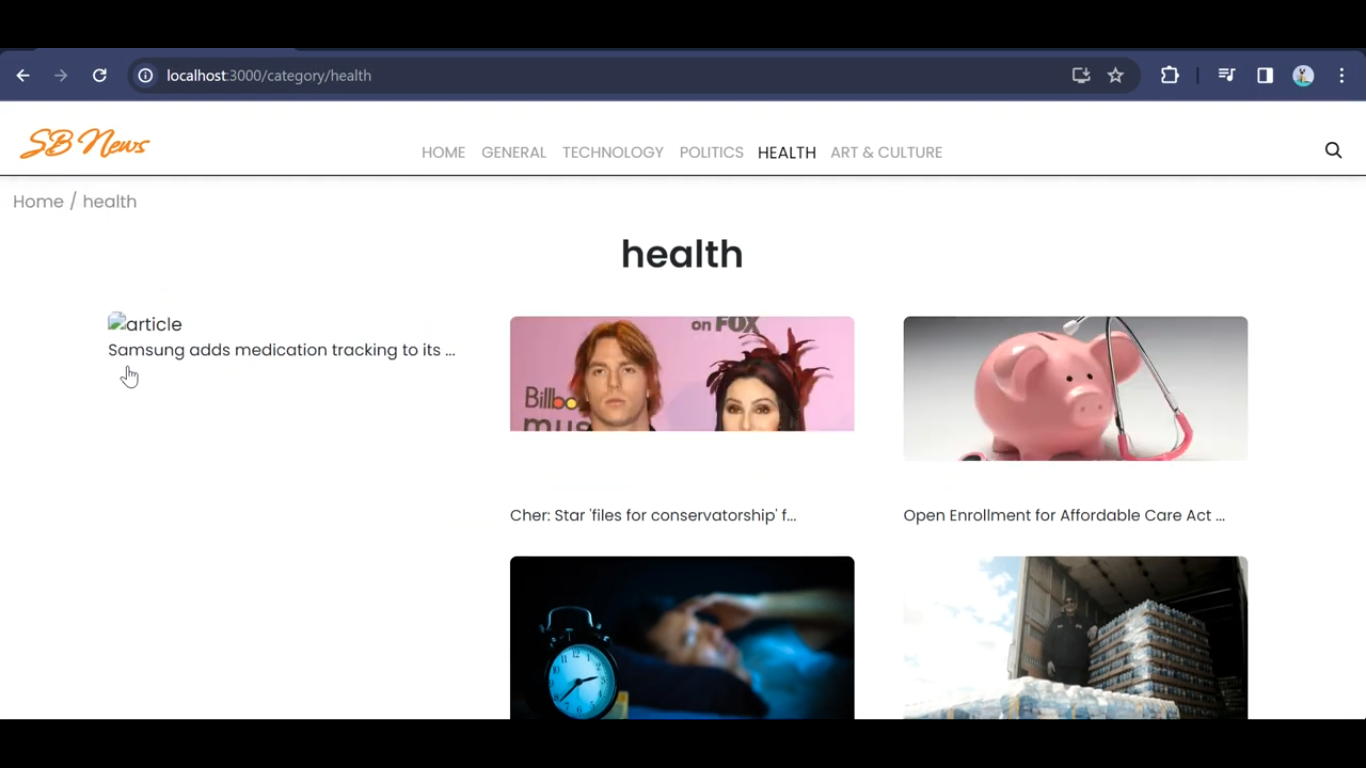
* + Chrome
  + Whatsapp
  + Google Drive
  + Github

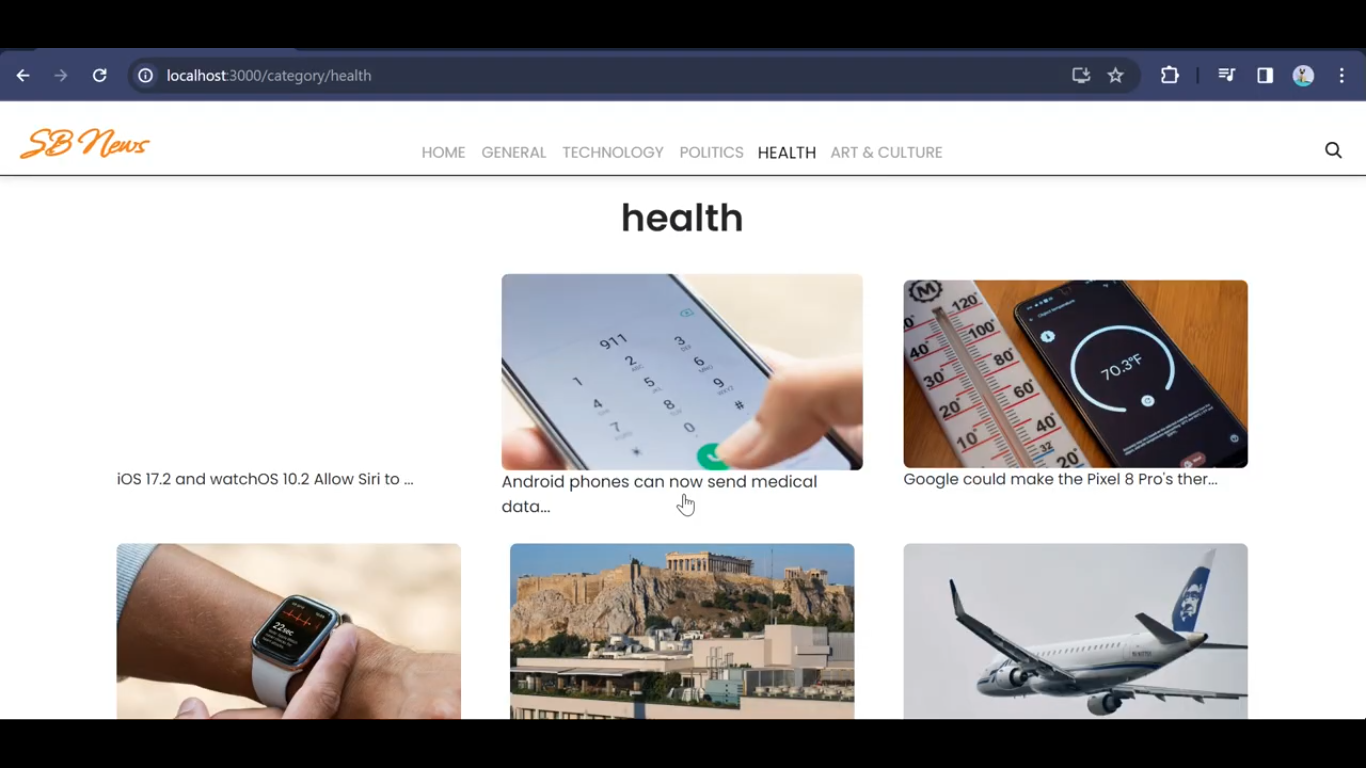
# Testing

* + Manual testing during milestones
  + Tools: Postman, Chrome Dev Tools

1. **Screenshots**

****

****

****