Project Documentation

INSTREAM:NEWS LANDSCAPE

# Introduction:

# The news landscape refers to the changing way people access and sharenews. It includes print, television, online platforms, and social media networks.

# Today’s news landscape is fast, digital, and shaped by technology and audience needs

## Project Title: *Instream:News Landscape project*

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# Project Overview

* + **Purpose:** The news landscape project explores how stories evolve across print, digital, and social platforms. It highlights the shift from one-way reporting to interactive, audience-driven storytelling.

## Features:

## Covers news across print, television, digital, and social media.

* Provides real-time updates with instant accessibility.
* Engages audiences through interactive and participatory content.
* Uses data-driven tools for accuracy and transparency.

# Architecture

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

# Setup Instructions

## Prerequisites:

* + - Node.js
    - MongoDB
    - Git
    - React.js

Express.js **–** Mongoose **–** Visual Studio Code

## Installation Steps:

# Clone the repository git clone

# Install client dependencies cd client npm install

# Install server dependencies cd

../server npm install

# Folder Structure

SB-Works/

|-- client/ # React frontend

| components/ L pages/

| server/ # Node.js backend

| routes/

| models/

| controllers/

# Running the Application

## Frontend:

cd client npm start • **Backend:**

cd server npm start

* + **Access:** Visit [http://localhost:3000](http://localhost:3000/)
    - Git
    - React.js
    - Express.js **–** Mongoose **–** Visual Studio Code

## Installation Steps:

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start

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

# API Documentation

## User:

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

## Project

## /api/projects/create

## /api/projects/:id.application:/api/apply

## Chats

## /api/chat/send

## /api/chat/:userId

# Authentication

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

# User Interface

* + Landing Page
  + Freelancer Dashboard
  + Admin Panel
  + Project Details Page

# Testing

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

1. **Screenshots or Demo:** **https://drive.google.com/file/d/1jcb4qaZ0y0BRzMfvME1HBuEH0iiNfTrY/view?usp=drive\_link**
2. **Known Issues:**

**Fake news circulation, Media bias Low credibility, Information overload, Delayed fact-checking**

1. **Future Enhancements:AI-based news detection, Real-time fact-checking tools, Interactive user engagement features.**