

Tree Housing Publication Documentation

1. Project Overview

Project Name: Three Housing Publication

Description:

Three Housing Publication is an educational platform designed to provide students with essential academic resources. The website offers reference books, previous year question papers, mock tests, solved papers, and paid answer keys. Users can subscribe to newsletters for updates and enroll in test series for exam preparation. The goal is to deliver a seamless learning experience through a structured and user-friendly interface.

Team Members: Udit Singh, Anish Tiwari, Shivam Tripathi, Vaibhav, Prashant Jha, Namrata, Ankit Gupta

Technology Stack:

- **Vue.js:** For building the user interface.
- **Axios:** For handling API requests.
- **Node.js:** For back-end services.
- **Bootstrap:** For styling and responsive design.

2. Project Objectives

Goals:

- Provide an intuitive platform for students to access study materials conveniently.
- Enable secure and instant downloads for reference books, question papers, and solved papers.
- Offer mock tests and test series with real-time results and performance tracking.
- Implement subscription-based access for premium study materials.
- Deliver secure payment options for paid answer keys and test series.

Target Audience:

- Students preparing for competitive exams, board exams, and university entrance tests.
- Educators and institutes looking for structured study materials for their students.

3. Installation Guide

Prerequisites:

- Node.js installed on your system
- A code editor like Visual Studio Code
- An internet connection for fetching dependencies
- Ensure Git is installed for version control.
- Install Vue CLI globally:

4. Project Setup

[1] Cloning the Repository:

```
git clone https://github.com/your-username/threehousingpublications.git
cd frontend
```

[2] Setting Up Upstream for Your Fork:

```
git remote add upstream https://github.com/original-owner/threehousingpublications.git
```

[3] Creating a Branch:

```
git checkout -b your-feature-branch
```

[4] Adding Your Task:

```
git add .
```

[5] Committing the Changes:

```
git commit -m "Description of changes"
```

[6] Pushing the Changes:

```
git push origin your-feature-branch
```

[7] Creating a Pull Request (PR):

Once the changes are pushed, create a pull request on GitHub for review and merging.

- Go to your repository on GitHub.
- Click on "Compare & pull request".
- Add a title and description for your changes.
- Submit the pull request for review.

5. API Documentation

To be finalized based on integrated APIs.

6. Features and Usage

User Guide:

- **Browse & Download:** Users can search for reference books, question papers, mock tests, and solved papers.
- **Subscription Model:** Premium users can subscribe to access paid answer keys and exclusive test series.
- **Test Series:** Users can attempt mock tests and receive real-time scores & feedback.
- **Newsletter Subscription:** Users can subscribe to receive regular study tips, new material releases, and exam updates.
- **Secure Payments:** Integrated payment gateway for purchasing paid materials.