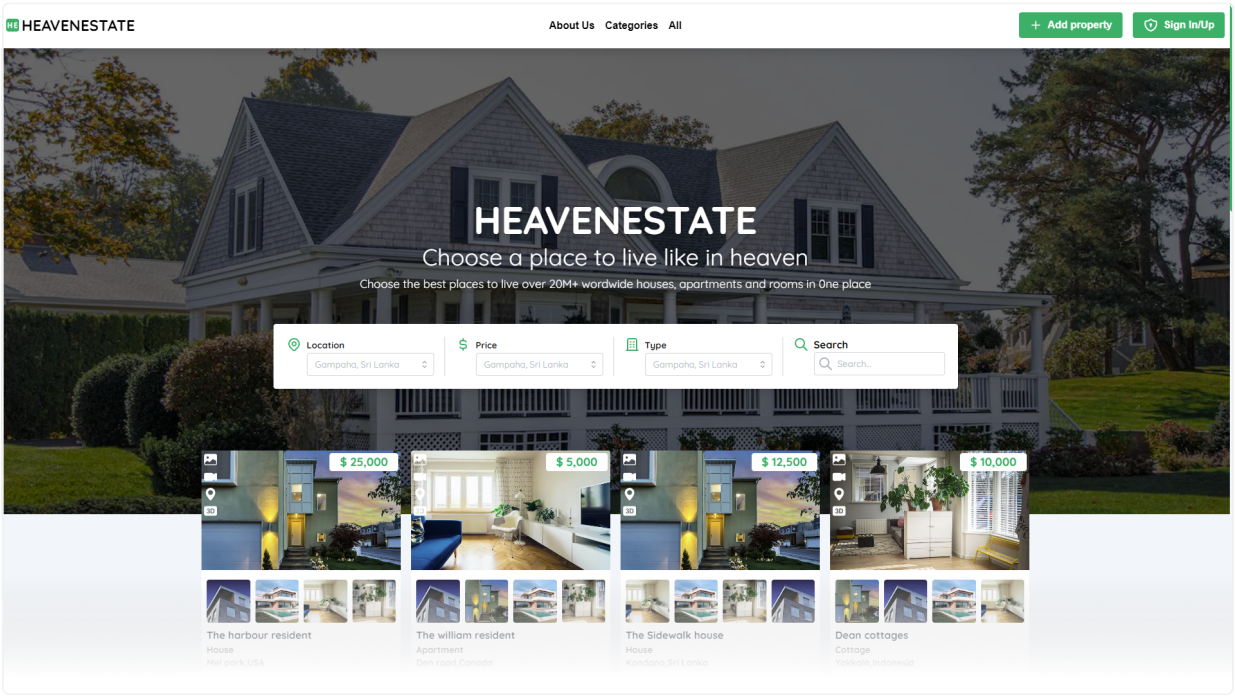
Heavenestate template documentation



Software Name: Heavenestate
Version: 1.0.1
Date: Sep 15, 2022

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Overview 👀

Heavenestate is a real estate web template built with the latest JavaScript technologies, a highly customizable design for any real estate business site.

Note: Heavenestate template is front-end only (No backend is implemented), If you need any API or backend implementation, please contact me for more information

Requirements ☝️

- Basic ReactJS, Next.js JavaScript knowledge
- NodeJS 16+
- Basic HTML/CSS knowledge
- Text editor tool (VSCode, Sublime, Atom) or IDE

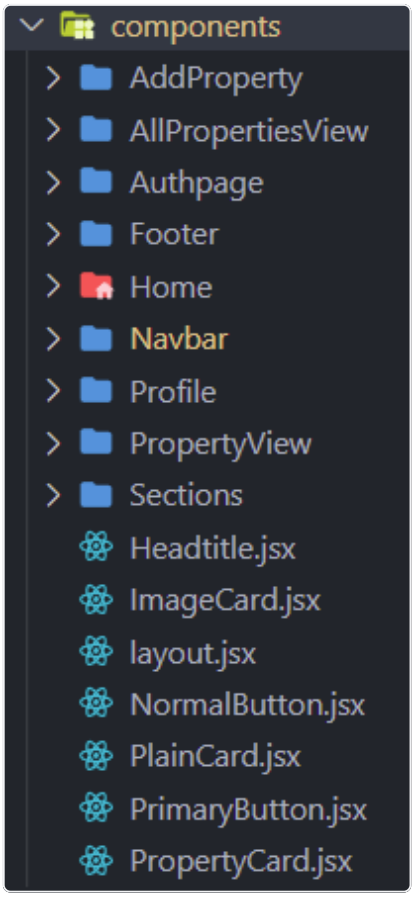
Features 🖥️

- Fast loading website with react.js (2x faster than WordPress)
- JamStack technologies

- Fully responsive up to 4 breakpoints
- Optimized and compressed images (1MB to 100kb)
- Faster Images loading feature with blur placeholder
- Eye-catching animations
- Modern clean design
- Easy to understand code comments
- Clean code
- Reusable components
- More than 20+ custom components
- Latest and stable JavaScript technologies and libraries

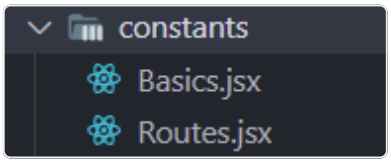
Folder structure 🗃️

The **components** folder contains all the individual components of the web page like (Buttons, Primary buttons, and Cards) are all styled with the TailwindCSS.



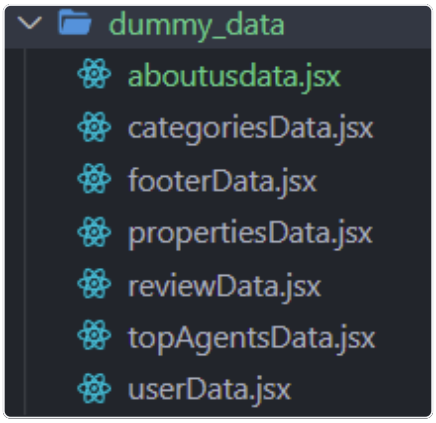
Compoonents folder

The **constants** folder contains the basic information and routes to the pages



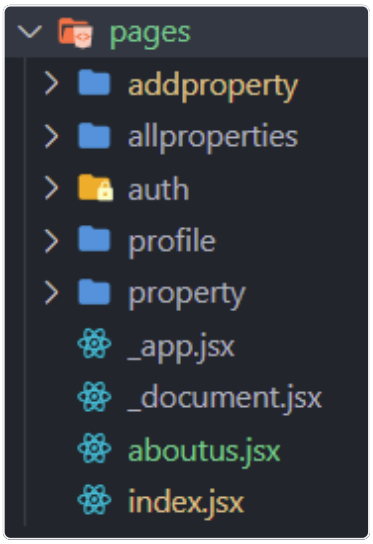
Constants folder

The **dummy_data** folder contains the fake placeholder data, you may delete this folder after adding your API



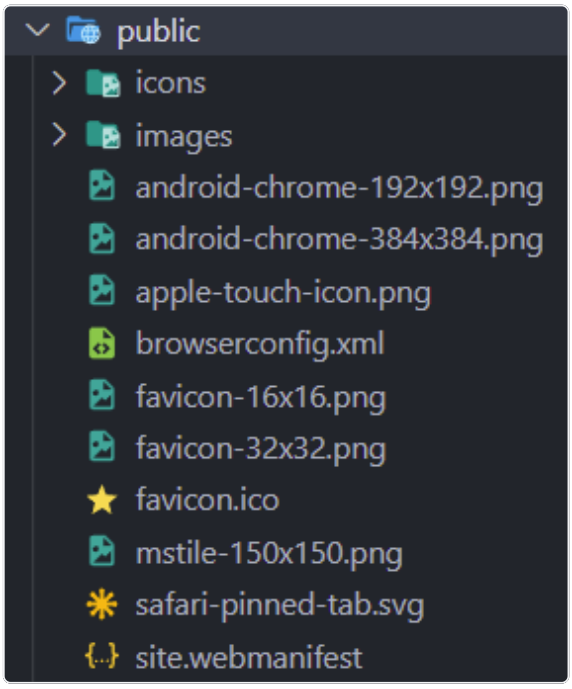
dummy_data folder

The **pages** folder contains all the individual webpages and routes, In Next.js any page under the pages folder is a route, there are square bracket routes on this folder are dynamic routes

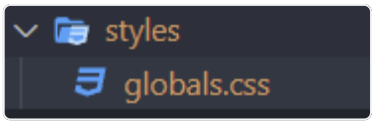


pages folder

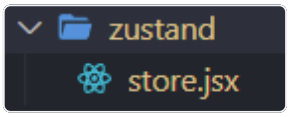
The **public** folder contains static assets like images, icons, and favicon files. You may replace these files with your site favicon data, Please refer to How to add the favicon section in How to guide for more information



The **styles** folder contains all the default global styles, Don't use plain CSS I used the TailwindCSS library to add styles to the web page, please refer to tailwindcss.com



The **zustand** folder contains the state management data I used the zustand state management system to handle global data. here I created a properties data store to store global properties data. please refer to Dependencies and libraries section for more information



Dependencies and libraries 📚

1. **Next.js -** The React.js based web framework for production (nextjs.org)
2. **TailwindCSS** - Utility first CSS library for CSS customization (tailwindcss.com)
3. **MantineUI -** Fully featured react components library (mantine.dev)
4. **TablerIcons** - Beautiful icons pack (tabler-icons.io)
5. **Zustand** - Modern state management system (zustand-demo.pmnd.rs)

Primary dependencies

How-to guide 🐣

Read the following instructions to customize the project for your business needs

How to initialize the project

1. Download the zip file and extract it to a folder
2. Open terminal in the project directory
3. Run `npm install` or `yarn install`
4. Run `npm dev` or `yarn dev` for a host in **localhost:3000**
5. Open your code editor and customize

How to add the favicon

You can add your site's favicon by replacing the public folder assets.

1. Go to Favicon Generator for perfect icons on all browsers (realfavicongenerator.net)
2. Upload your favicon image (PNG, JPG, SVG)
3. Generate favicon assets zip file
4. Extract zip file contents to the public folder (You may asked to replace , press yes)
5. That's it

How to remove buy tag

Delete buytag.jsx file and remove the <BuyTag/> element from the layout from componets folder

Sketches cannot currently be displayed in exports

How to customize styles

You can customize styles (primary color, default radius, breakpoints) through the `tailwind.config.js` file on the project root and you can rebrand, and change title texts through the `Basics.jsx` file in the **Constants** folder in the project root.

Sketches cannot currently be displayed in exports

How to manage bookmarks

I highly recommend using store bookmark data on a database or you can simply use state management to store bookmarks temporarily.
in the `/pages/property/[id].jsx` file there is a function called a bookmark. when the user clicks on the bookmark tag this function will trigger. you need to post API call with property id . and pull all bookmark data from the user's profile page

How to add custom API

open the .env file in the root folder and add API_URL, and API_SECRET keys to your API

Recommended packages:
GraphQL
If you are using GraphQL API endpoint use `graphql-request` package
prisma-labs/graphql-request: Minimal GraphQL client supporting Node and browsers for scripts or simple apps (github.com)

REST-API
If you are using RestAPI endpoint use `Axios` package
axios/axios: Promise based HTTP client for the browser and node.js (github.com)

How to add Map, Video, 3D view

All video, map and 3D view are emedded with the iframe tag just copy the link and replace the iframe tag or pass the data thriugh dynamic tag

```
{/* Google map link */}
<div>
    <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d50661.327558193516!2d-122.
    190094380859l8!3d37.4764681488933!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.
    1!3m3!1m2!1s0x808fa6b1117280ff%3A0xebbf998e5df289ab!2sMenlo%20Park%2C%20CA%2C%20USA!5e0!3m2!1sen!2slk!4v1
    661187420709!5m2!1sen!2slk" width="100%" height="450" allowFullScreen="" loading="lazy"
    referrerPolicy="no-referrer-when-downgrade"></iframe>
</div>
```

Map iframe url

Need to include 3D visualization ? Use matterport to create 3d visualization and use iframe tag in your site
refer Matterport doc :
Develop with Matterport | Matterport

How to fetch data from API

This project use Next.js web framework , Next.js uses different data fetching methods
Next.js include pre-rendering with **Server-side Rendering** or **Static Generation**, and updating or creating content at runtime with **Incremental Static Regeneration**.
refer Next.js link below for data fetching methods
Data Fetching: Overview | Next.js (nextjs.org)

eg:

```
export async function getStaticProps(context) {
  return {
    props: {}, // will be passed to the page component as props
  }
}
```

Static data fetching

```
export async function getServerSideProps(context) {
  return {
    props: {}, // will be passed to the page component as props
  }
}
```

Server side data fetching

How to deploy online

I recommend deploying Jamstack sites on Vercel.com

1. Push the project to your version control system (Github, GitLab, or bitbucket)
2. Log in or create an account on vercel
3. Grant access to GitHub
4. pull your project and run build
5. That's it

example code:

FAQs 🙋‍♂️

Answer and document frequently asked questions below.

Is this project include any backend?

This is a front-end template with only dummy fake data included, If you need any backend implementation (CMS) contact me for information

Do you provide hosting?

I don't, If you need any hosting service, refer to vercel.com for Next.js recommended hosting service

Can you add additional plugins or components for this project?

I can, please contact me for more information

Additional Resources 🧩

Please read the framework and individual library documentation for more information as listed in Dependencies and libraries section

Next.js data fetching - https://www.youtube.com/watch?v=pjhjqUrG9O4

How to use **Zustand state management system** - https://www.youtube.com/watch?v=KCr-UNsM3vA&t=116s

https://www.youtube.com/watch?v=KCr-UNsM3vA&t=116s

https://www.youtube.com/watch?v=pjhjqUrG9O4

Customer support 💬

Do not hesitate to ask any questions.

If you need any extra information about this project please contact me via email I'll assist you ASAP

Email : nirvanzentinal@gmail.com
GitHub: github.com/nzent