

Installation Guide for Vite + Vue.js Project

Prerequisites

Before starting, ensure you have the following installed on your machine:

1. **Node.js** (v16 or later): [Download Node.js](#)
 2. **npm** (comes with Node.js) or **yarn** as the package manager.
 3. A code editor like **VS Code**: [Download VS Code](#)
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1. Download the Project Files

1. Visit the project's download page or repository (e.g., GitHub or any file-sharing platform).
 2. Click on the **Download ZIP** or equivalent option to download the project files to your local machine.
 3. Extract the ZIP file to a folder of your choice.
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2. Navigate to the Project Directory

Open a terminal and navigate to the extracted project folder:

```
cd <project-folder-name>
```

Replace `<project-folder-name>` with the name of the folder where the project files are extracted.

3. Install Dependencies

Install the required dependencies specified in the `package.json` file.

Using npm:

```
npm install
```

Using yarn:

```
yarn install
```

4. Configure Environment Variables

If your project requires environment variables, locate or create a `.env` file in the root directory and add the required keys.

Example `.env` file:

```
VITE_FIREBASE_API_KEY=AIzaSyBTm7zaeSACoscWV3gqgbGycootEg9fZFE
```

```
VITE_APP_ID=1:524404916876:web:0bd28308f21ab5eb44f1a9
```

```
VITE_SERVER_URL=https://nopsscea-server.vercel.app/
```

The necessary environment variables should be listed in the project documentation or provided by the project owner.

5. Run the Development Server

Start the development server to preview the project locally.

Using npm:

```
npm run dev
```

Using yarn:

```
yarn dev
```

The server will usually start on <http://localhost:5173>. Check the console output to confirm the URL.

6. Build the Project (Optional)

If you want to prepare the project for production:

Using npm:

```
npm run build
```

Using yarn:

```
yarn build
```

This generates a `dist` folder containing the production-ready files.

7. Preview the Build (Optional)

Test the production build locally:

Using npm:

```
npm run preview
```

Using yarn:

```
yarn preview
```

8. Deployment (Optional)

To deploy the project:

1. Locate the `dist` folder after running the build command.
 2. Upload its contents to your hosting platform (e.g., Netlify, Vercel, or a custom server).
 3. If deploying on a static hosting service, refer to their respective deployment guides.
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Troubleshooting

1. **Node.js Version Issue:** Ensure you're using Node.js v16 or later:
2. `node -v`
3. **Dependency Installation Issues:** If errors occur during installation, delete `node_modules` and `package-lock.json`, then reinstall:
4. `rm -rf node_modules package-lock.json`
5. `npm install`

For further assistance, refer to the project documentation or contact the project owner.

