

# **Dev Notes**

## **Project Developers**

Enzoss100

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DingyGhost

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## **DEVELOPER NOTICE:**

This document is LINKED TO GITHUB. Please avoid using real names, full names or other pertinent details that may result in possible doxxing after the project is done.

When the Project is complete, feel free to export this document as PDF to keep as reference or as an official document as proof that you are part of the project.

The Dev Notes is a document that compiles the more technical reasoning behind decisions made in the project, as well as how things are implemented, created or run. This includes running the project locally, deploying the project and understanding the ins and outs of the GitHub Repository.

# DOCUMENT SPECS

## Segmentation of the Document

In segmenting the Dev Notes, there are some standards that must be set to ensure that everything is organized, so let's start with the easier stuff, the document itself.

The entire document uses the Lexend Medium font by default to veer away from using standard fonts like Times New Roman, Tahoma and Arial. Section Headers are of font size 20 and are in **BOLD** and uppercase. Subheadings are of font size 16 and are in **BOLD**. Normal text in the document is of font size 12.

## Topics Covered in the Document

- Initial Project Notes
  - Tech Stack
  - Software Used in the project
- Running the Project
  - How to run the project in dev mode
- Documenting Progress in the README
  - **\*This may be refactored or deprecated soon**
  - Added Functions of the project
  - Dev who built the function
  - What branch it was committed to
  - Is it merged to main branch of GitHub Repository

## Initial Project Notes

- Tech Stack (to be updated during while the project is ongoing)
  - Next.js
  - HTML
  - CSS
  - TypeScript
  - ReactJS
  - Firebase
  - Vercel
- Project Tools
  - Git
  - VScode
  - Node.js
  - GitHub Desktop (optional)

## Running the Project

**npm run dev** runs the project on localhost:3000

Run the project first before rechecking errors, because running the project may remove some errors by updating the logs of next.js.

## Documenting Progress in the README

Please ensure that when you are finished with a segment of the project that you add a new row on the Accomplishments table in the README. Otherwise, please ask me to update the documentation from there.

Objective	Dev In-Charge	Repo Branch	Merged
Describes the objective being accomplished	Please use your GitHub username to avoid doxxing actual pertinent information	Refers to the branch where <u>your PR</u> is going to be merged	Yes/No/(N/A)  Describes if the PR of the objective has been merged to main

## Accomplishments Table

Objective	Dev In-Charge	Repo Branch	Merged to main
Initialize Project	Enzoss100	main	N/A
Project Documentation	Enzoss100	main	N/A
Project Dev Notes	Enzoss100	main	N/A
Login Page	ReneeCharlene 02	renee	Yes
Onboarding Page	ReneeCharlene 02	renee	Yes
Dashboard UI	ReneeCharlene 02	renee	Yes
Attendance Function	ReneeCharlene 02	renee	Yes
Overtime Function	ReneeCharlene 02	renee	Yes
Intern Details	ReneeCharlene 02	renee	Yes
User Details CRUD	ReneeCharlene 02	renee	Yes
Admin UI Frontend	RoseJeaEvanz1 009	rose	Yes
Task View for Interns	ReneeCharlene 02	renee	Yes
Intern Batch Pools	ReneeCharlene 02	renee	Yes

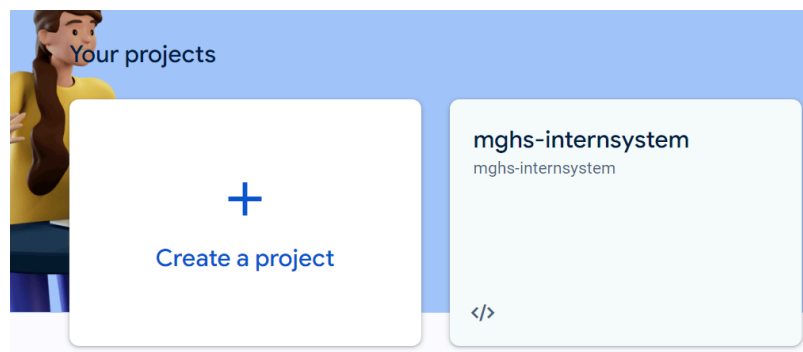
<b>Admin Edits User Status</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Automated Status Update</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Batch Pages</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>CRUD for Batches</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Admin Edits User Roles</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Roles Page</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Added Role Functions</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Added Absences Functionality</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Dashboard for Intern Details</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Downloading Attendance</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Update Logo</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Attendance Editing</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Registration Confirmation</b>	<b>ReneeCharlene 02</b>	<b>renee</b>	<b>Yes</b>
<b>Repository Open-Source License</b>	<b>Enzoss100</b>	<b>main</b>	<b>N/A</b>

Repository Made Public	Enzoss100	N/A	N/A
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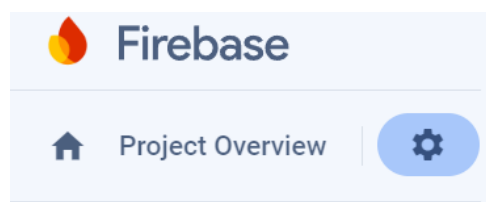
## Firestore Integration

The firestore APIs are located in the `firebase.ts` file under the `app` folder. Changing this will change the firestore database of the system.

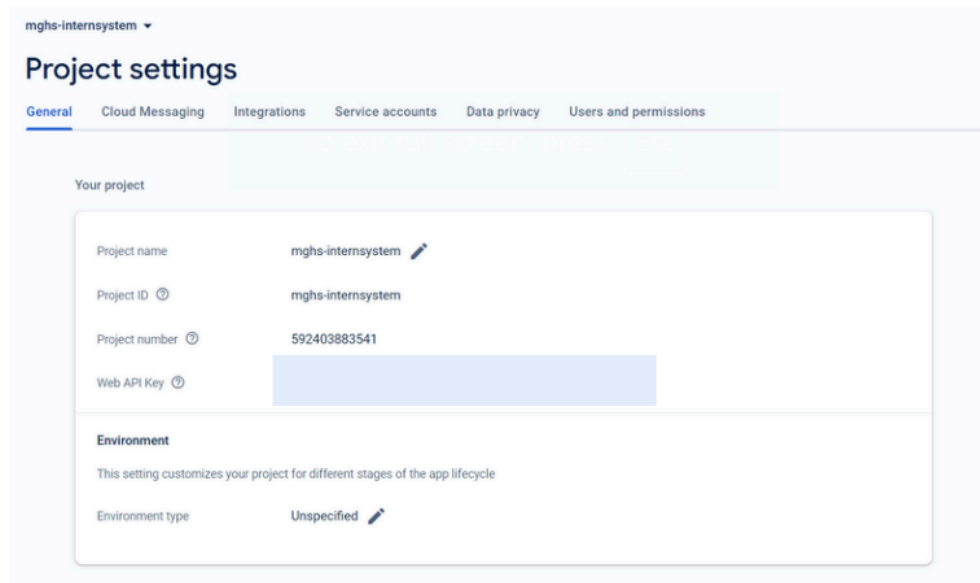
You can find the current configuration by going to Firebase:



Click on the `mghs-internsystem` project. Click the gear icon beside the Project Overview



Under the general settings you will find the API keys:




Scroll down to find the code to be added on the firebase.ts file:




Your apps


Add app

Web apps

 MGHS-InternSystem  
Web App

App nickname

MGHS-InternSystem 

App ID 

Link to a Firebase Hosting site

SDK setup and configuration


☒ npm

☐ CDN

☐ Config

If you're already using [npm](#) and a module bundler such as [webpack](#) or [Rollup](#), you can run the following command to install the latest SDK ([Learn more](#)):

\$ npm install firebase




Then, initialize Firebase and begin using the SDKs for the products you'd like to use.

```
// Import the functions you need from the SDKs you need
import { initializeApp } from "firebase/app";
// TODO: Add SDKs for Firebase products that you want to use
// https://firebase.google.com/docs/web/setup#available-libraries

// Your web app's Firebase configuration
const firebaseConfig = {
  apiKey: ,
  authDomain: "mghs-internsystem.firebaseio.com",
  projectId: "mghs-internsystem",
  storageBucket: "mghs-internsystem.appspot.com",
  messagingSenderId: ,
  appId: 
};

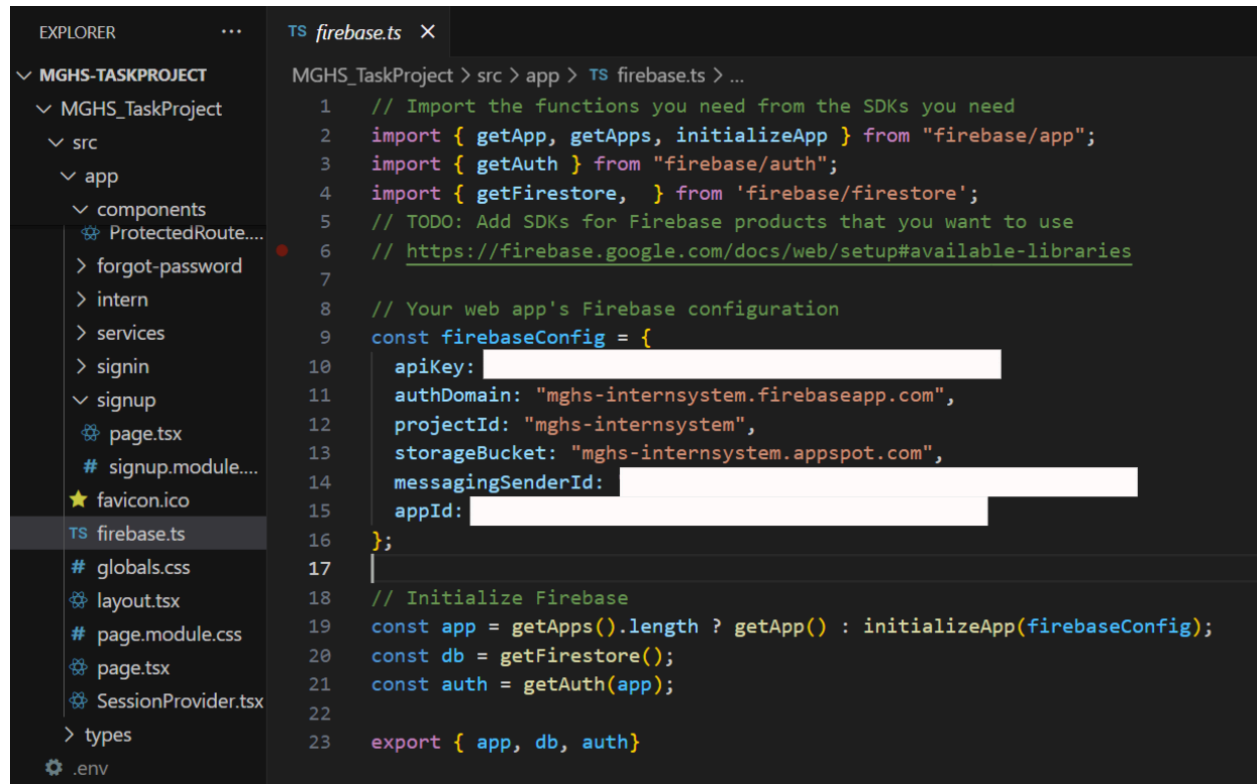
// Initialize Firebase
const app = initializeApp(firebaseConfig);
```



**Note:** This option uses the [modular JavaScript SDK](#), which provides reduced SDK size.

Learn more about Firebase for web: [Get Started](#), [Web SDK API Reference](#), [Samples](#)

Paste the npm code on the firebase.ts file



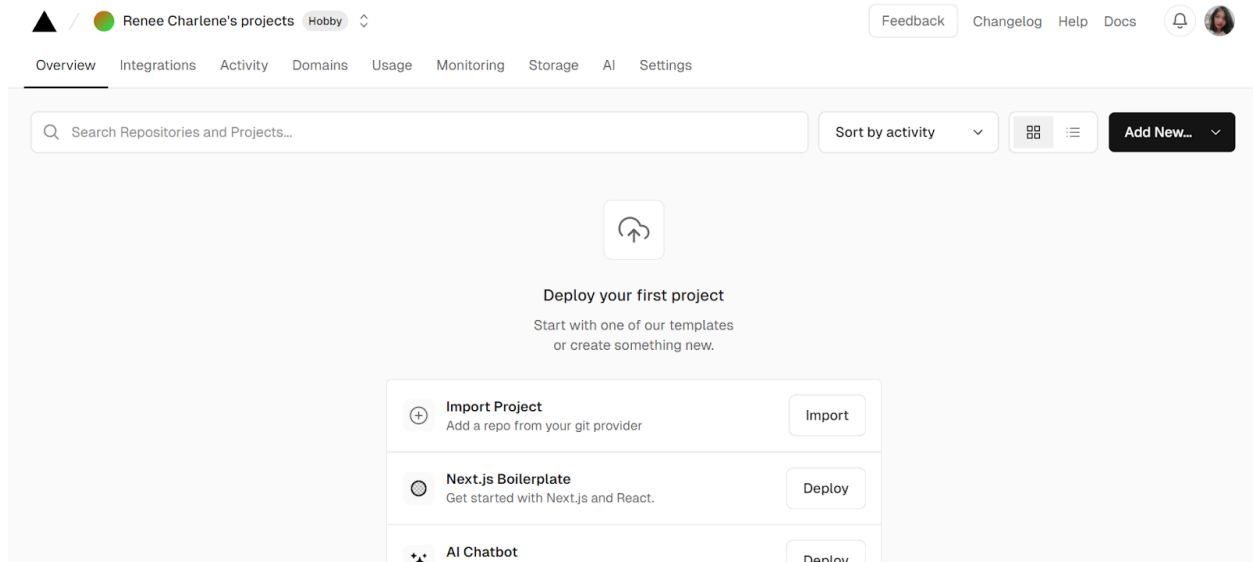
```
EXPLORER    ...    TS firebase.ts X
MGHS_TaskProject > src > app > TS firebase.ts > ...
1  // Import the functions you need from the SDKs you need
2  import { getApp, getApps, initializeApp } from "firebase/app";
3  import { getAuth } from "firebase/auth";
4  import { getFirestore, } from 'firebase/firestore';
5  // TODO: Add SDKs for Firebase products that you want to use
6  // https://firebase.google.com/docs/web/setup#available-libraries
7
8  // Your web app's Firebase configuration
9  const firebaseConfig = {
10   apiKey: [REDACTED],
11   authDomain: "mghs-internsystem.firebaseio.com",
12   projectId: "mghs-internsystem",
13   storageBucket: "mghs-internsystem.appspot.com",
14   messagingSenderId: [REDACTED],
15   appId: [REDACTED]
16 };
17
18 // Initialize Firebase
19 const app = getApps().length ? getApp() : initializeApp(firebaseConfig);
20 const db = getFirestore();
21 const auth = getAuth(app);
22
23 export { app, db, auth}
```

This connects the firestore database and the application.

Use this as basis if you want to setup a new firebase project with a username and password basis: [Login, Authentication and Connection to Firebase Tutorial](#)

# Vercel Deployment

To deploy to Vercel, first ensure that you own the repository that you will be deploying. Then go to: <https://vercel.com/> and go to your account or create an account and connect it to your Github Account.

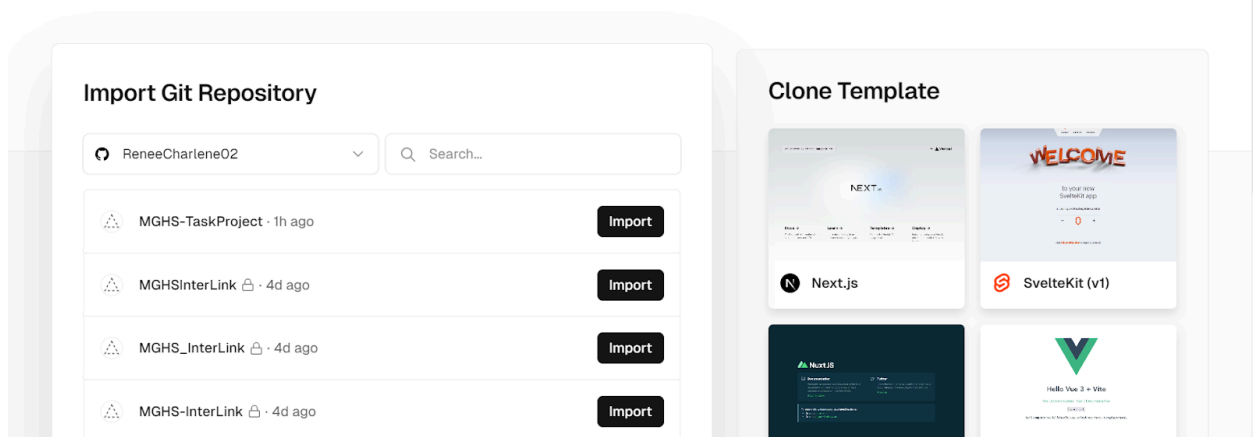


Click Import next to Import Project

## Let's build something new.

To deploy a new Project, import an existing Git Repository or get started with one of our Templates.

Collaborate on a Pro Trial



Click the Repository you want to deploy. Make sure that the repository is public. Note that the deployed application will be based of the main branch of the repository.

## You're almost done.

Please follow the steps to configure your Project and deploy it.

MGHS-TaskProject

Configure Project

Deploy

GIT REPOSITORY

ReneeCharlene02/MGHS-TaskProject

main

/

Import a different Git Repository →

Browse Templates →

### Configure Project

Project Name

mghs-task-project

Framework Preset

Other

Root Directory

/

Edit

> Build and Output Settings

> Environment Variables

Deploy

Configure the project. Make sure that the root directory includes the next.js files. For this system, we have to change the root directory. Click the Edit button:

Root Directory

/

Edit

Then click the next.js folder

### Root Directory

Select the directory where your source code is located. To deploy a monorepo, create separate projects for other directories in the future.

MGHS-TaskProject

MGHS-TaskProject

MGHS\_TaskProject

N

pages

public


src

Cancel

Continue

Click continue. Make sure that the Framework Preset is Next.js:

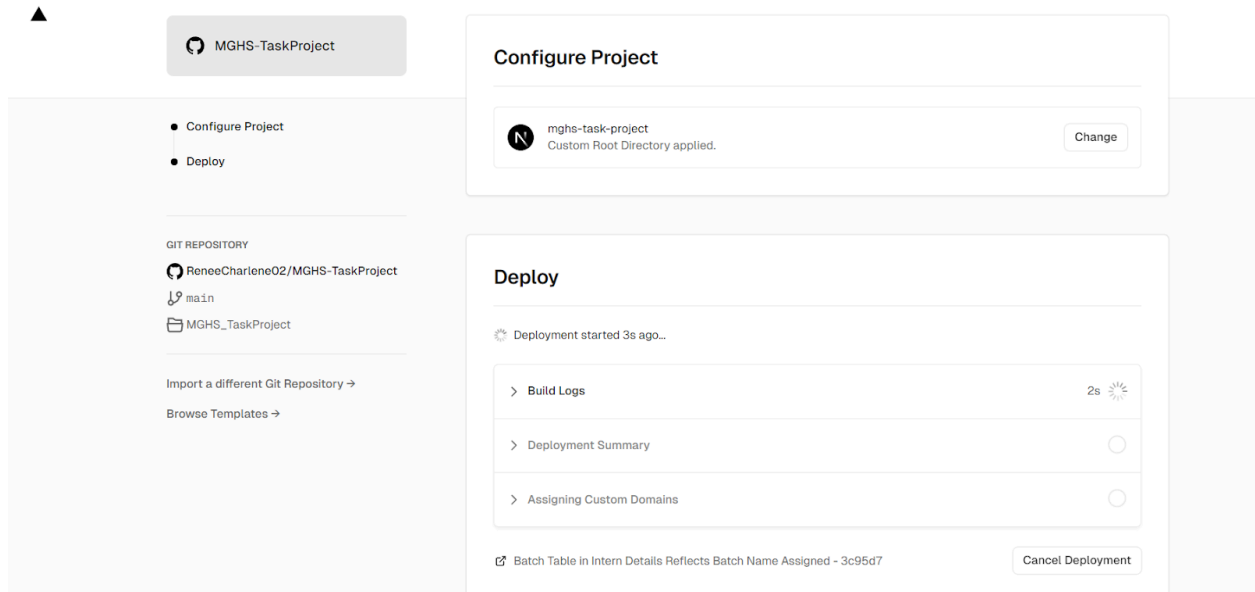
Framework Preset

 Next.js

Afterwards, click Deploy.

Deploy

Wait for the build to finish.



The screenshot shows the Vercel deployment interface for a project named "MGHS-TaskProject". On the left, a sidebar contains a "GIT REPOSITORY" section with the following details: "ReneeCharlene02/MGHS-TaskProject", "main" branch, and "MGHS\_TaskProject" directory. Below this are links to "Import a different Git Repository" and "Browse Templates". The main area is divided into two panels. The top panel, titled "Configure Project", shows the project name "mghs-task-project" and the message "Custom Root Directory applied.", with a "Change" button. The bottom panel, titled "Deploy", shows the deployment status "Deployment started 3s ago...". It contains three expandable sections: "Build Logs" (which is expanded and shows a progress indicator with "2s"), "Deployment Summary", and "Assigning Custom Domains". At the bottom of the "Deploy" panel, there is a link to "Batch Table in Intern Details Reflects Batch Name Assigned - 3c95d7" and a "Cancel Deployment" button.

If there are build errors, fix them then redeploy. If redeploying does not work, then you will have to delete the deployment and restart the importing and deployment process.

Build Logs1m

All Logs (51)Errors (11)Warnings (1)Find in logsCtrl F

Expand 37 Lines

12:06:54.616Failed to compile.

12:06:54.620

12:06:54.620./src/app/admin/batch/page.tsx

12:06:54.621391:54 Error: `` can be escaped with `&apos;`, `&lsquo;`, `&#39;`, `&rsquo;`. react/no-unescaped-entities

12:06:54.621411:54 Error: `` can be escaped with `&apos;`, `&lsquo;`, `&#39;`, `&rsquo;`. react/no-unescaped-entities

12:06:54.621

12:06:54.621./src/app/intern/onboarding/page.tsx

12:06:54.62173:46 Error: `` can be escaped with `&apos;`, `&lsquo;`, `&#39;`, `&rsquo;`. react/no-unescaped-entities

12:06:54.62175:142 Error: `` can be escaped with `&apos;`, `&lsquo;`, `&#39;`, `&rsquo;`. react/no-unescaped-entities

12:06:54.62179:153 Error: `` can be escaped with `&apos;`, `&lsquo;`, `&#39;`, `&rsquo;`. react/no-unescaped-entities

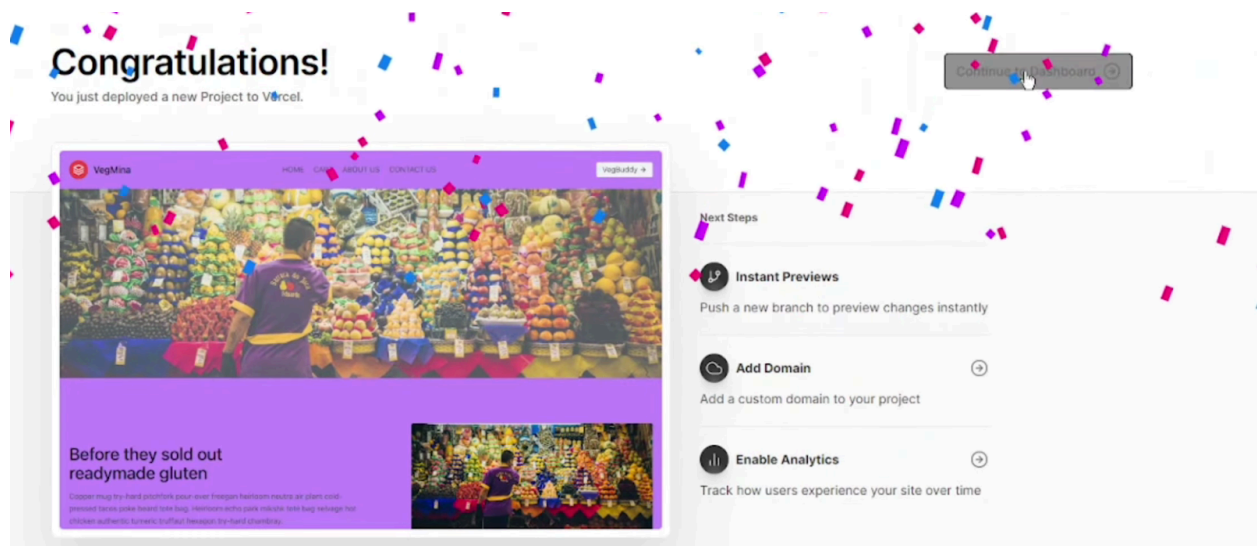
12:06:54.621

12:06:54.621info - Need to disable some ESLint rules? Learn more here: <https://nextjs.org/docs/basic-features/eslint#disabling-rules>

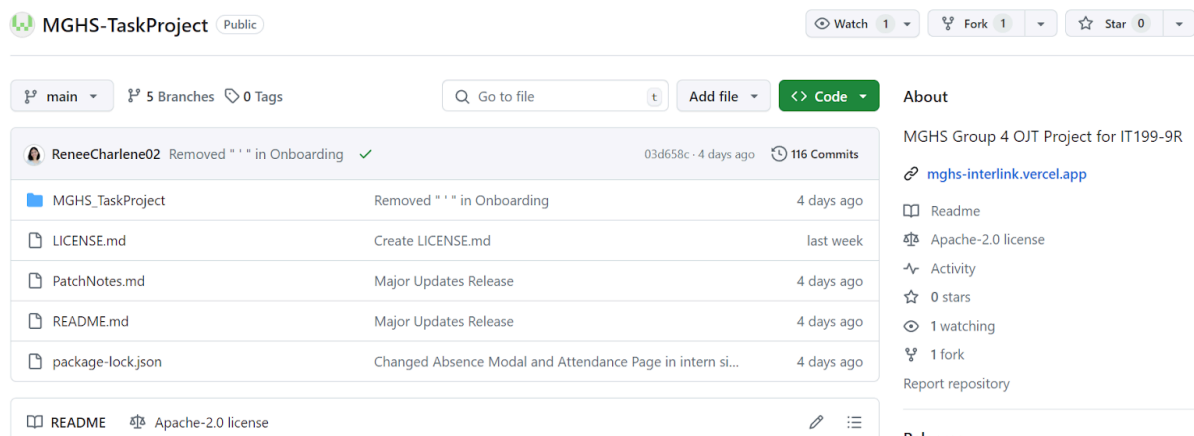
12:06:54.671Error: Command "npm run build" exited with 1

12:06:55.731

This is an example of build errors that may show up. It includes the file name and the line, and suggestions on how to fix them. When there are no more errors, you will see this page:



The picture will be your system. You can visit the dashboard and see the link. Likewise, if you allow the Vercel bot to edit your main Github Repository, you will see the link of your deployed system under the About section:



## About

MGHS Group 4 OJT Project for IT199-9R

[mghs-interlink.vercel.app](https://mghs-interlink.vercel.app)


Any changes made in the main branch that are pushed will also be automatically deployed and reflected on the deployed system. You can see whether the changes made were successfully deployed under the deployments section:

## Deployments 14

- ✓ Preview 1 hour ago
- ✓ Production 4 days ago

[+ 12 deployments](#)

And also, if there is a check mark beside the recent commit:

ReneeCharlene02 Removed " ' " in Onboarding ✓

main







5 Branches

0 Tags

Go to file

Add file

<> Code

	ReneeCharlene02	Removed " ' " in Onboarding ✓	03d658c · 4 days ago	116 Commits
	MGHS_TaskProject	Removed " ' " in Onboarding	4 days ago	
	LICENSE.md	Create LICENSE.md	last week	
	PatchNotes.md	Major Updates Release	4 days ago	
	README.md	Major Updates Release	4 days ago	
	package-lock.json	Changed Absence Modal and Attendance Page in intern si...	4 days ago	