

Teamwork 7 (Project Plan) – 21.10.2024

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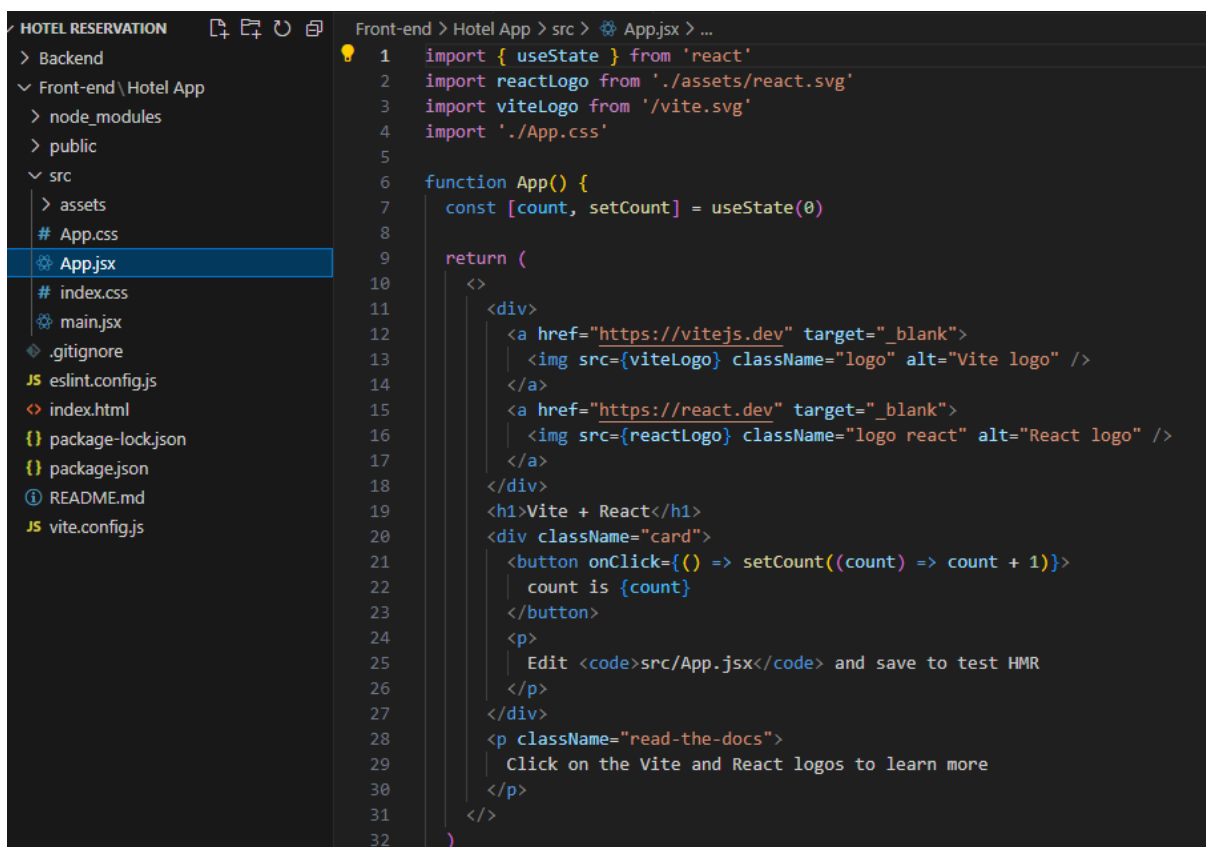
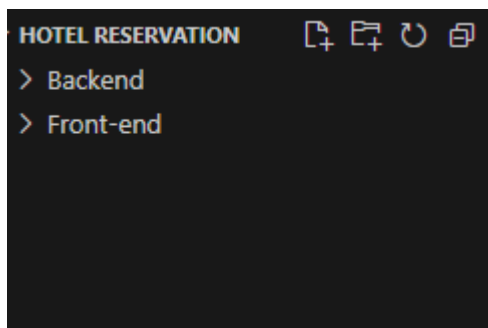
Elif Turhan e2302243

Thanh Pham e2202775

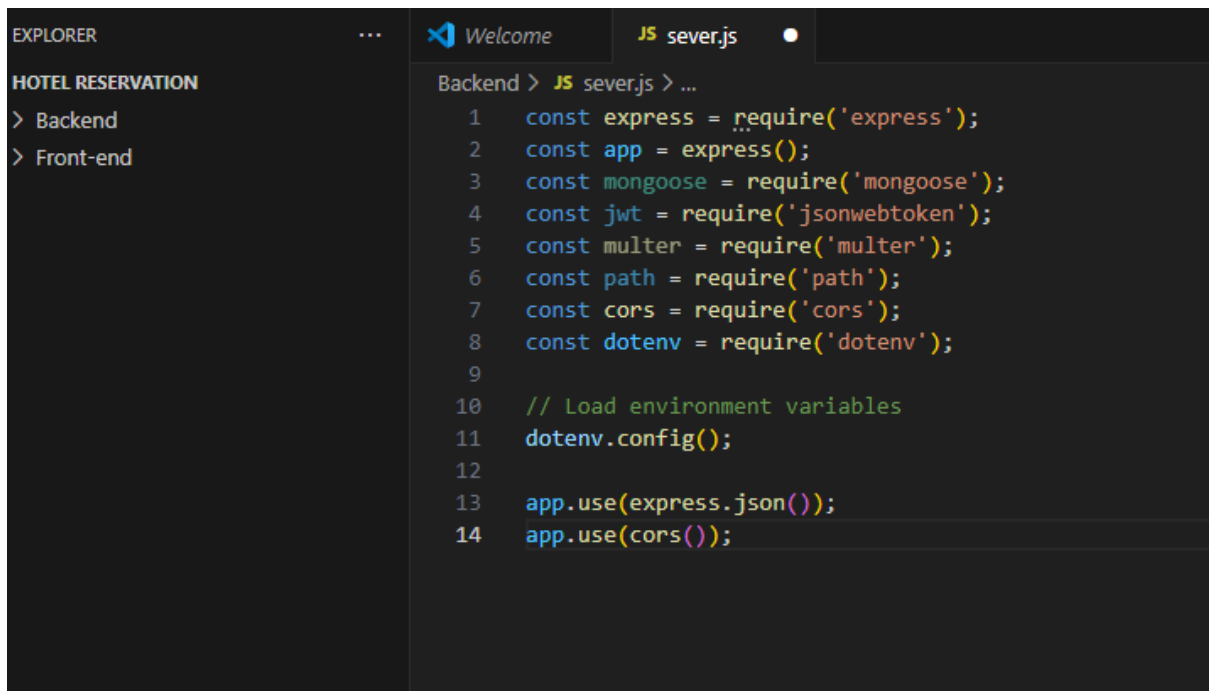
<https://github.com/chelseanorrgard/CET>

We are going to develop a hotel room reservation application using the MERN stack (MongoDB, Express.js, React, Node.js, Tailwind CSS)

We use React (Vite, JavaScript) to create project and have 2 separate folders:



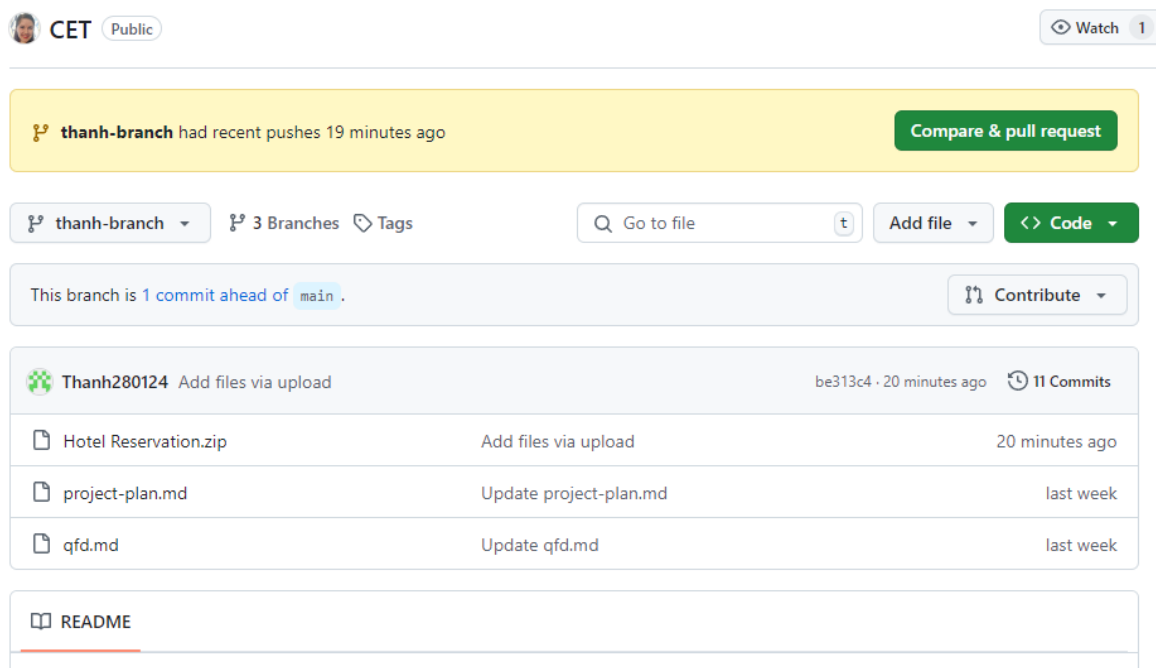
We download all the things we need to use for the backend and implement it:





```
Backend > JS server.js > ...
1  const express = require('express');
2  const app = express();
3  const mongoose = require('mongoose');
4  const jwt = require('jsonwebtoken');
5  const multer = require('multer');
6  const path = require('path');
7  const cors = require('cors');
8  const dotenv = require('dotenv');
9
10 // Load environment variables
11 dotenv.config();
12
13 app.use(express.json());
14 app.use(cors());
```


All the members can update and see the latest version of the code in our repository

2 members with their own branch to push the code








 CET Public Watch 1


 thanh-branch had recent pushes 19 minutes ago Compare & pull request


 thanh-branch 3 Branches Tags  Add file Code


This branch is 1 commit ahead of main. Contribute


 Thanh280124 Add files via upload	be313c4 · 20 minutes ago	🕒 11 Commits
 Hotel Reservation.zip	Add files via upload	20 minutes ago
 project-plan.md	Update project-plan.md	last week
 qfd.md	Update qfd.md	last week

 README



CET
Public





Watch
1


elif
had recent pushes 3 seconds ago
Compare & pull request



elif
3 Branches
Tags
Go to file
Add file
Code

This branch is 1 commit ahead of main .
Contribute


elifturhann
Folder distrubution done
af1e94a · 1 minute ago
11 Commits

 Hotel Reservation.zip	Folder distrubution done	1 minute ago
 project-plan.md	Update project-plan.md	last week
 qfd.md	Update qfd.md	last week

We also create database project in MongoDB Atlas to store database


ĐỨC THÀNH'S...
Access Manager
Billing


Hotel Reservati...
Data Services
Charts

Overview
DEPLOYMENT
SERVICES
SECURITY
New On Atlas

Database
Search
Vector Search
Stream Processing
Triggers
Migration
Data Federation
Programmatic Access
Backup
Database Access
Network Access
Advanced

ĐỨC THÀNH'S ORG - 2024-01-08 > HOTEL RESERVATION APP

## Overview



### Create a cluster

Choose your cloud provider, region, and specs.

+ Create

System Status: All Good

©2024 MongoDB, Inc. [Status](#) [Terms](#) [Privacy](#) [Atlas Blog](#) [Contact Sales](#)

## ***Task Division***

Chelsea Norrgård (Project Manager)

- Overall Project Management (not focused on coding)
  - Coordinate between team members and ensure deadlines are met.
  - Manage communication with stakeholders.

Elif Turhan (Front-End Developer)

- Front-End Development:
  - User Interfaces: Design and implement the user interfaces for the Customer and Receptionist views using React.
  - User Experience: Focus on creating a user-friendly experience, ensuring responsive design.
  - Integration: Work with Thanh to integrate front-end components with back-end services.

Thanh Pham (Back-End Developer)

- Back-End Development:
  - Database Management: Set up and manage the MongoDB database for storing room, user, and reservation data.
  - API Development: Create RESTful APIs to handle requests from the front end, including room searches and bookings.
  - Business Logic: Implement core functionalities such as booking management and user account control.