

The IIE Varsity College

CLDV6211

Cloud Development A

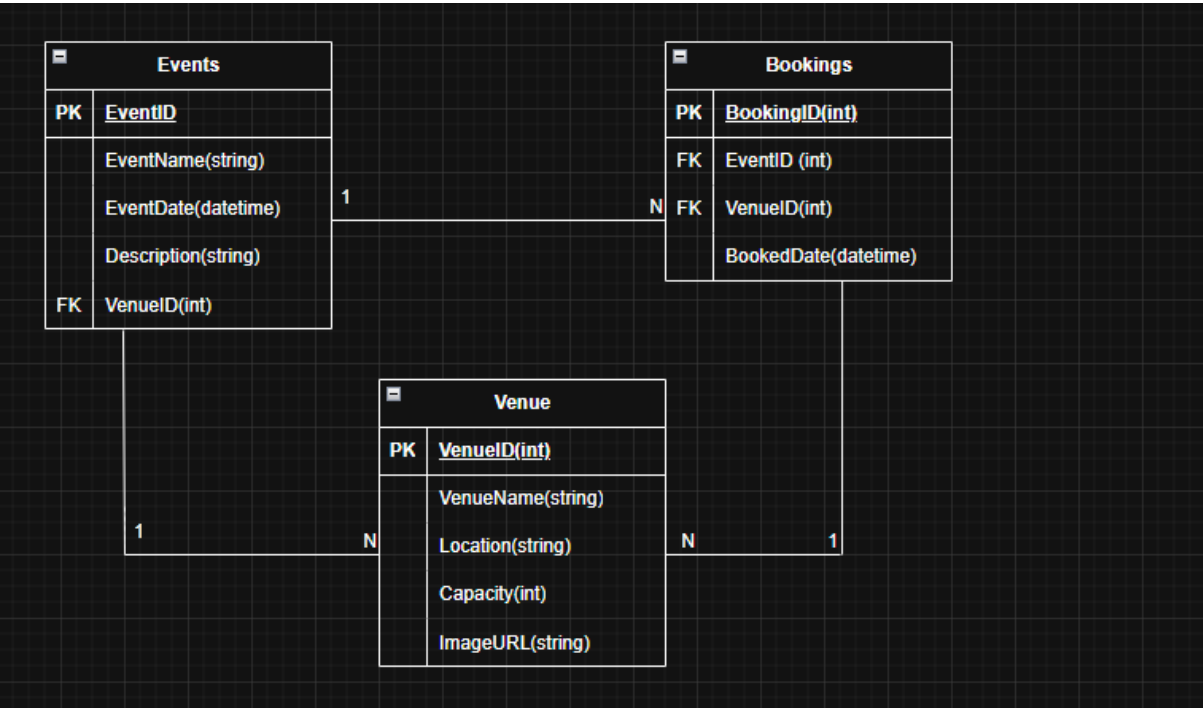
ST10088532

POE Part 1

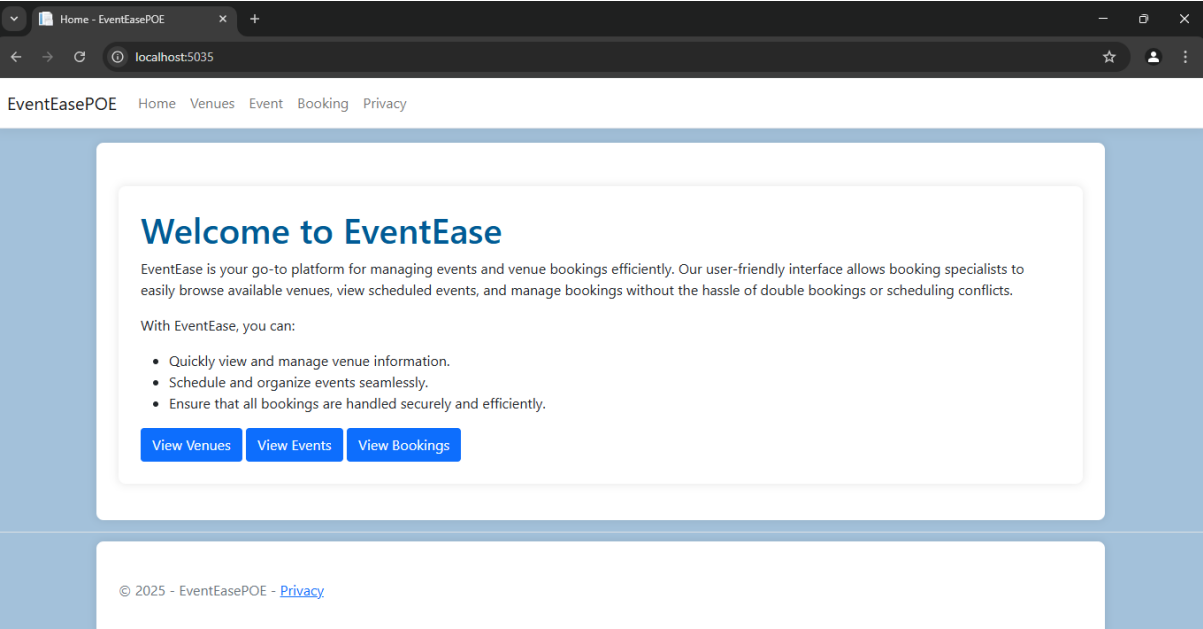
Aobakwe Kegoriloe

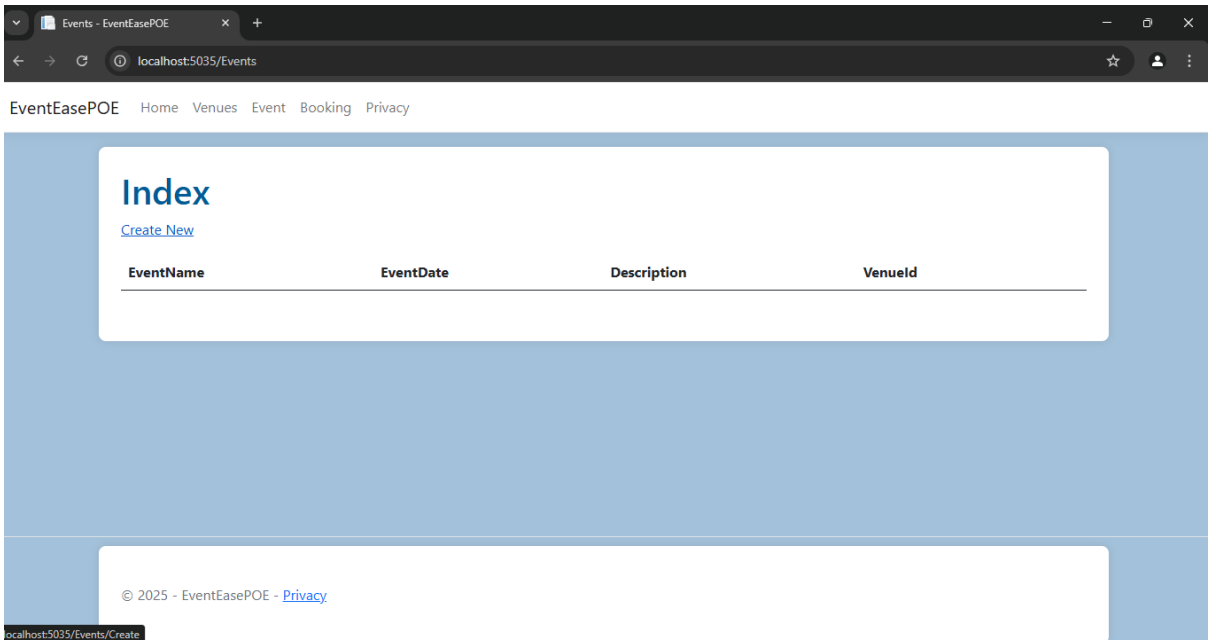
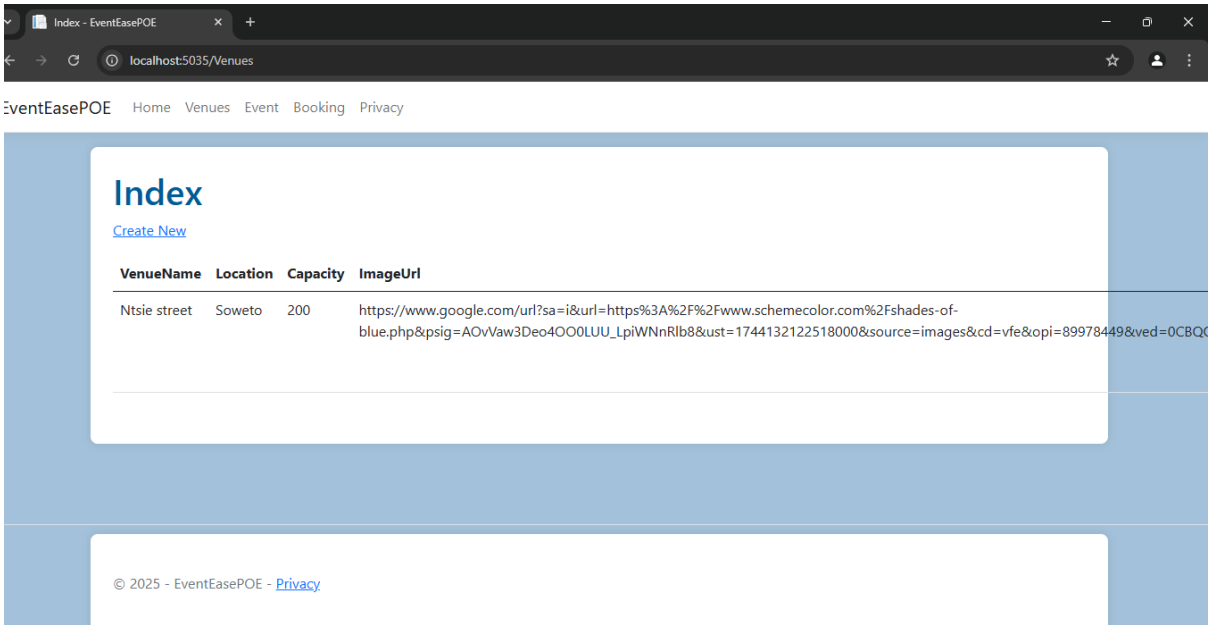
Due Date: 07 April 2025

ERD diagram



Screenshots of Web App





Create - EventEasePOE

localhost:5035/Events/Create

EventEasePOE

Home Venues Event Booking Privacy

Create

Event

EventName

The Sundae Chronicles

EventDate

2025/04/27 13:00

Description

Sunday vibes

Venueld

2

Create

[Back to List](#)

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Bookings - EventEasePOE

localhost:5035/Bookings

EventEasePOE

Home Venues Event Booking Privacy

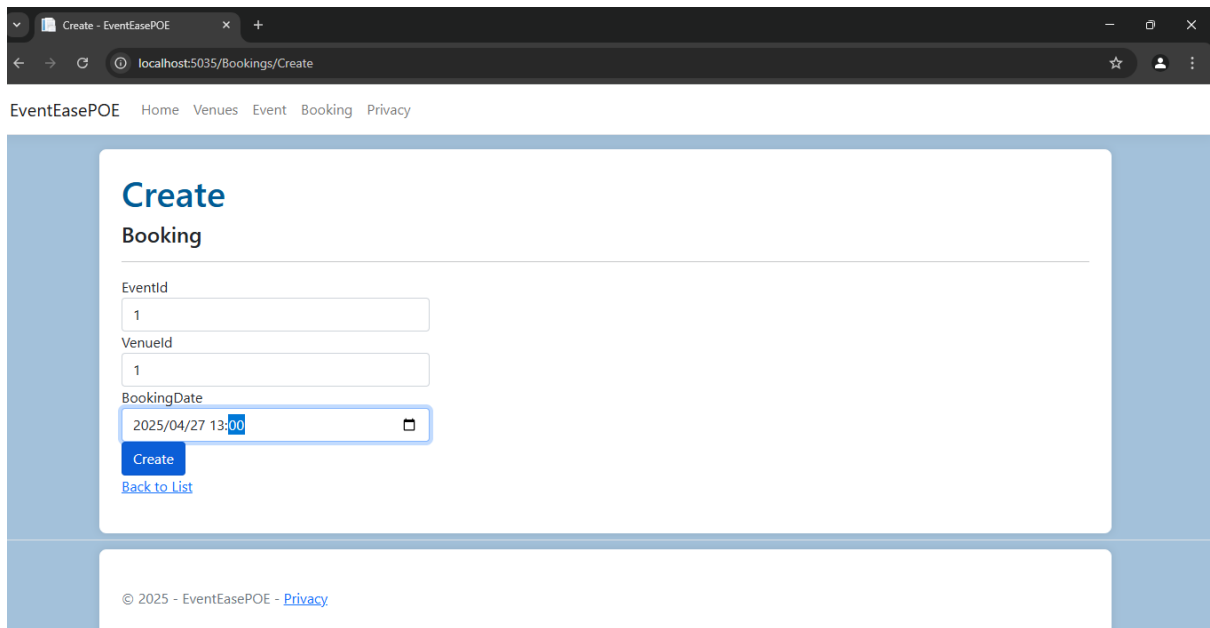
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[Create New](#)

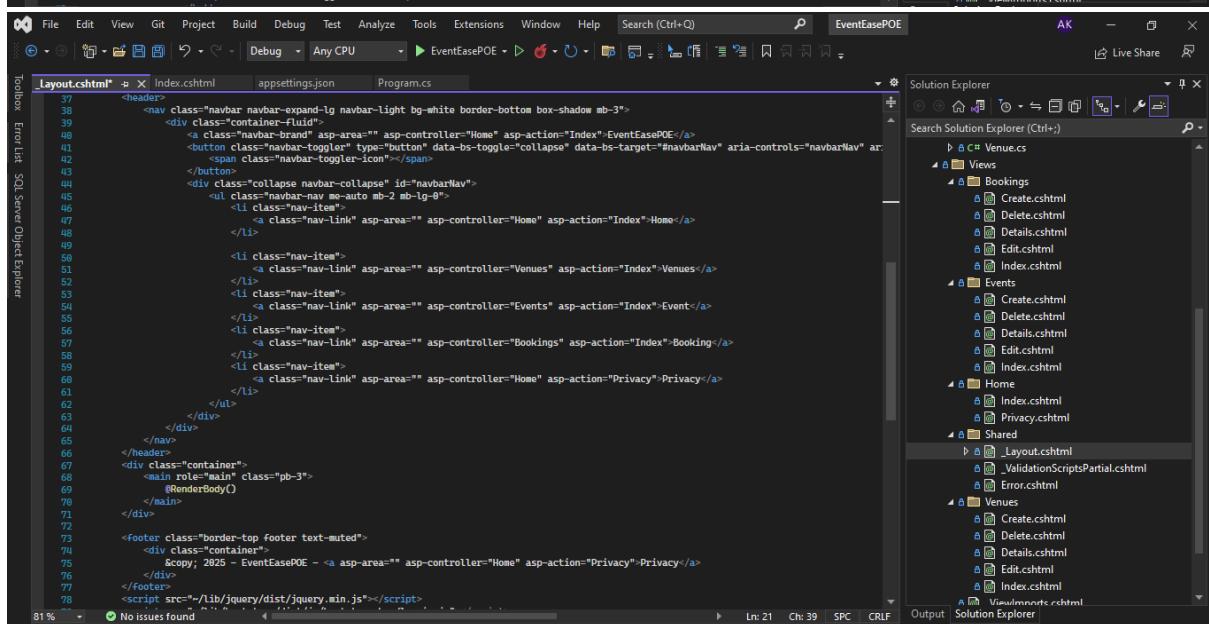
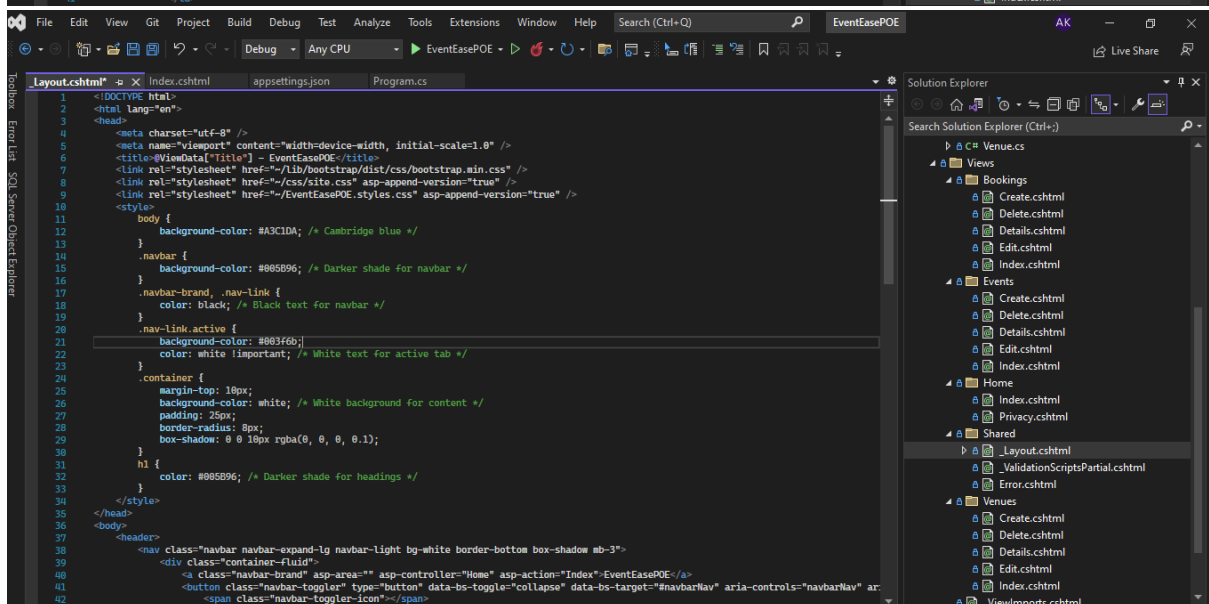
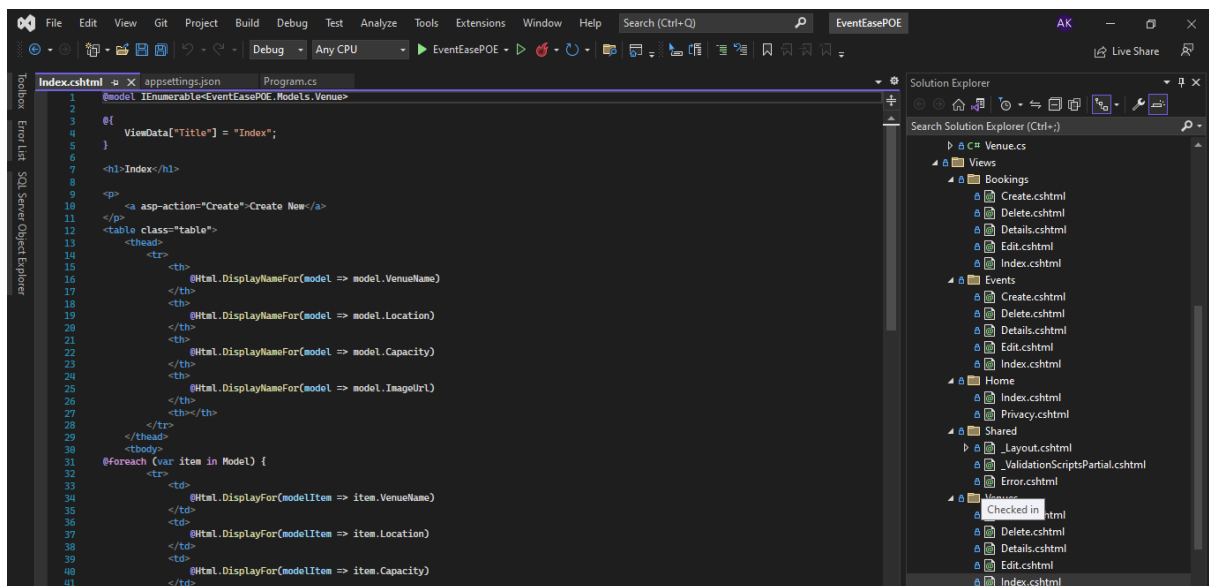
EventId	Venueld	BookingDate
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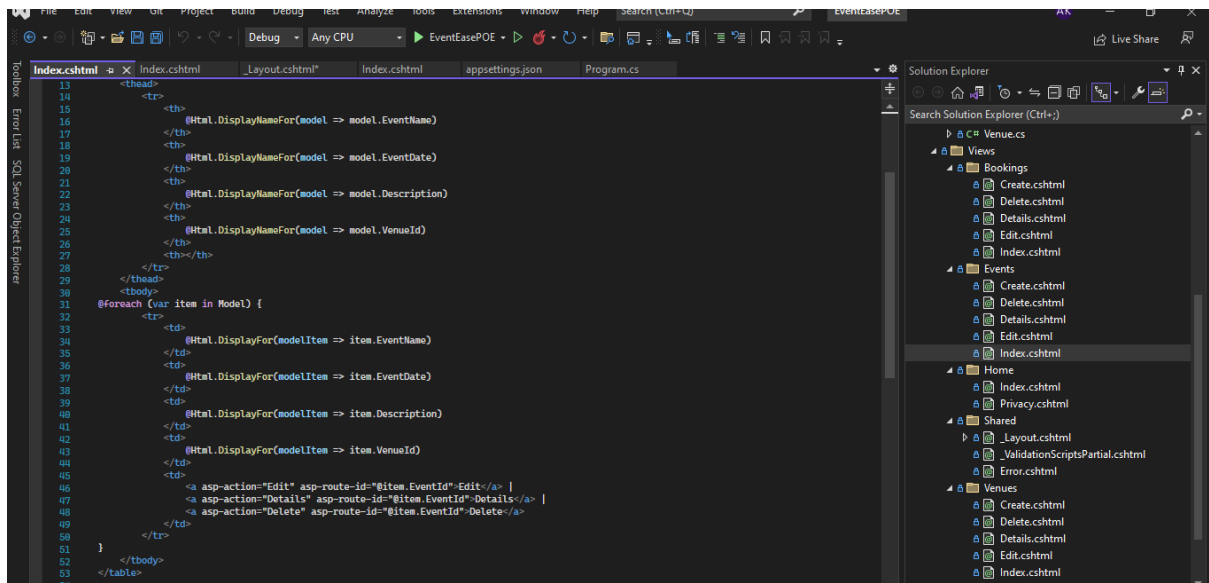
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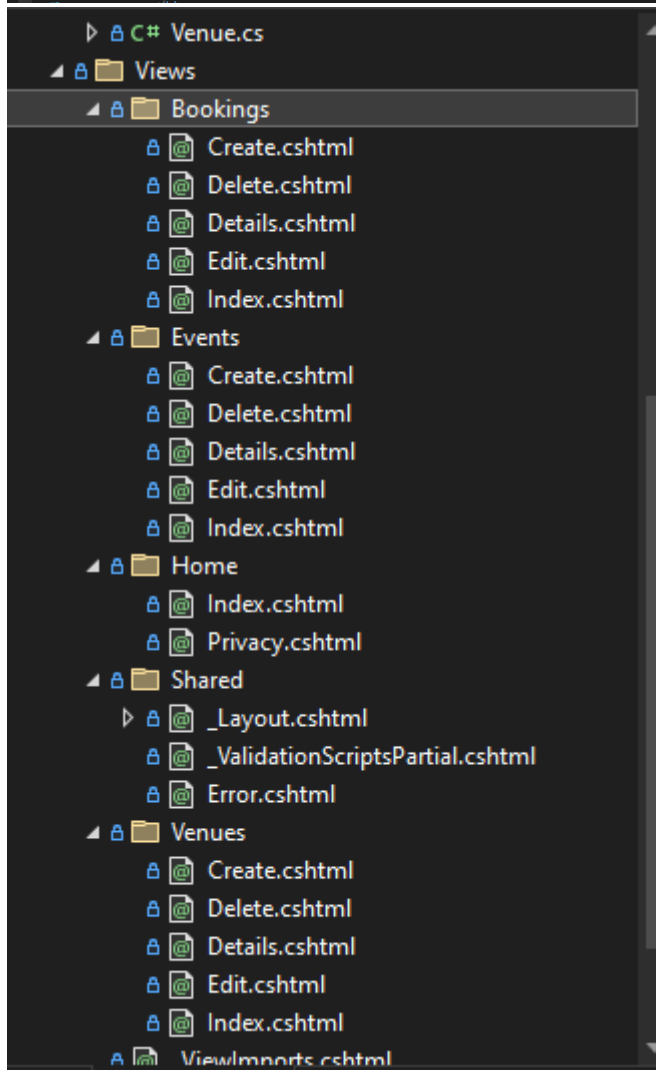
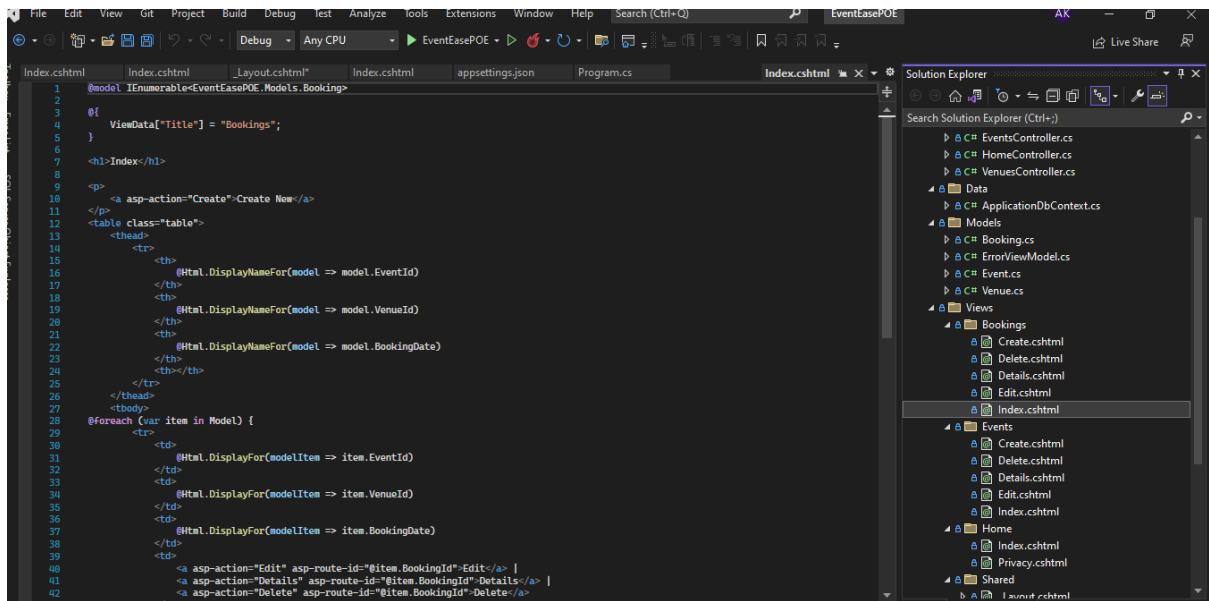
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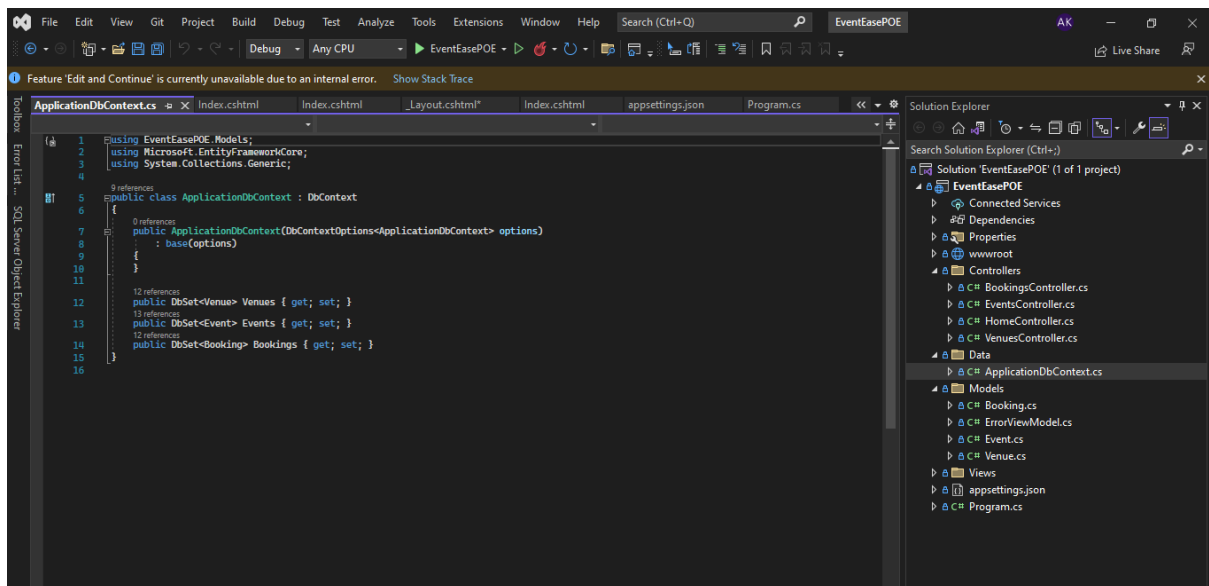
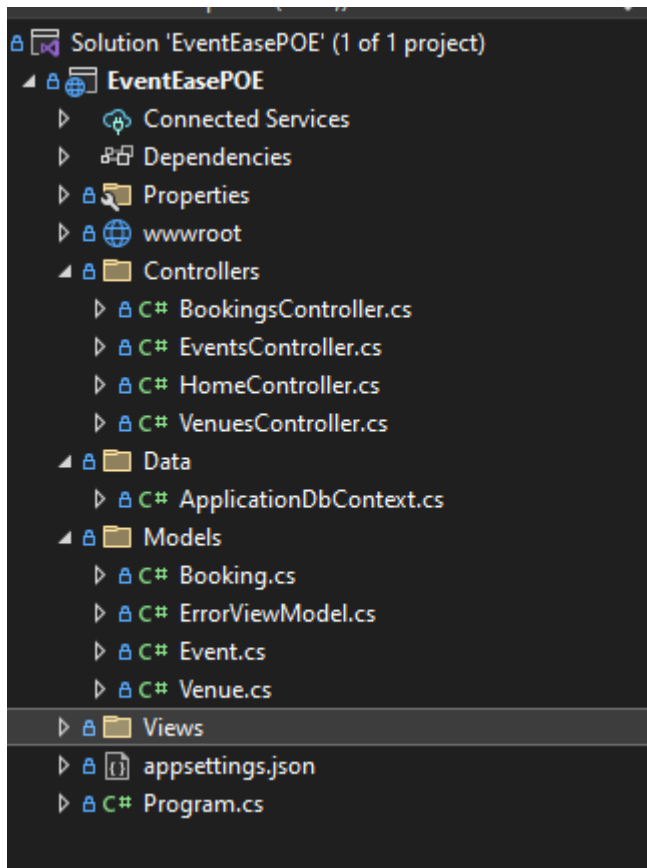


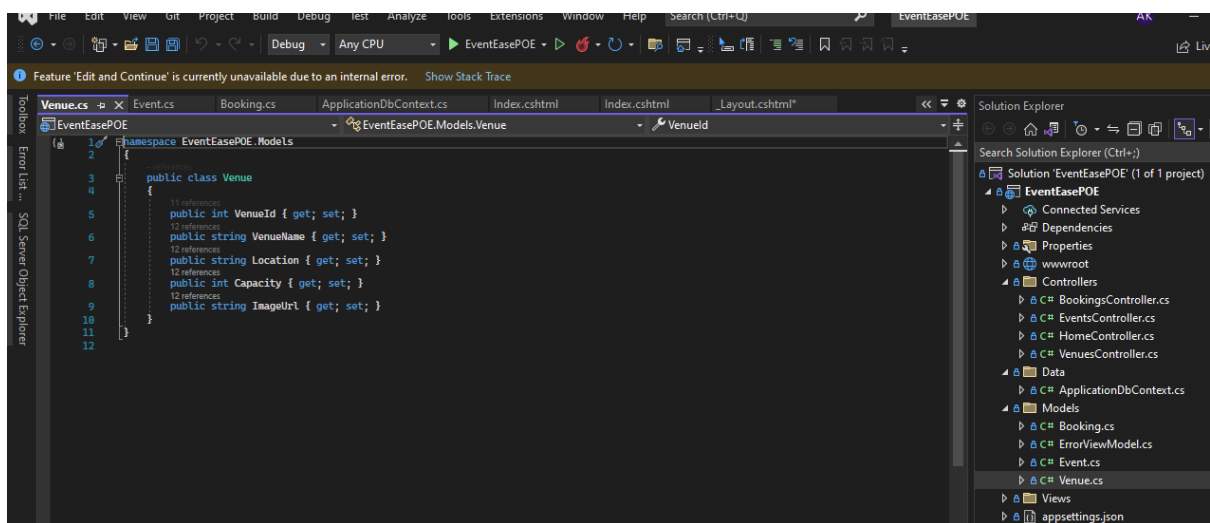
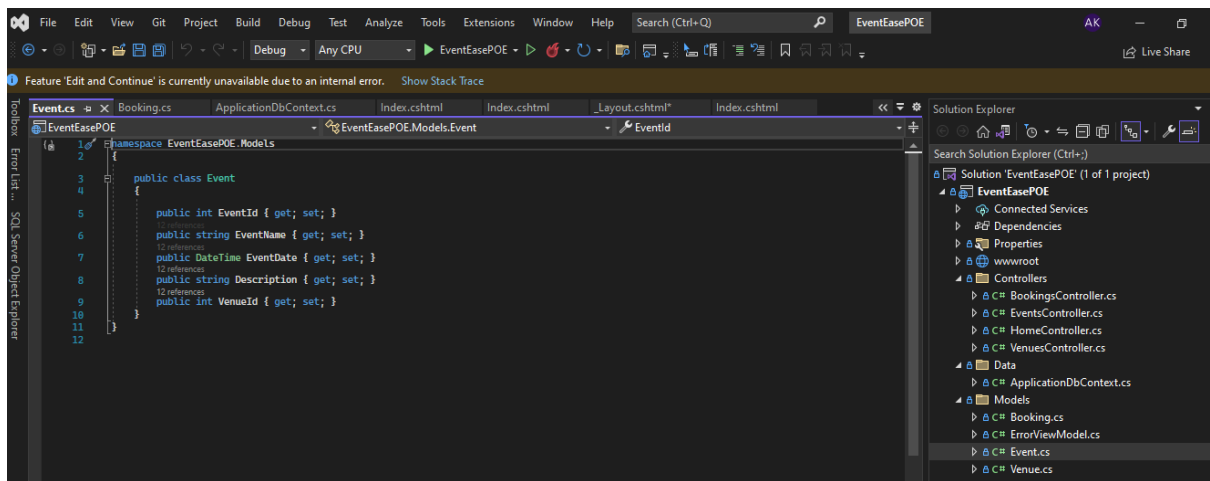
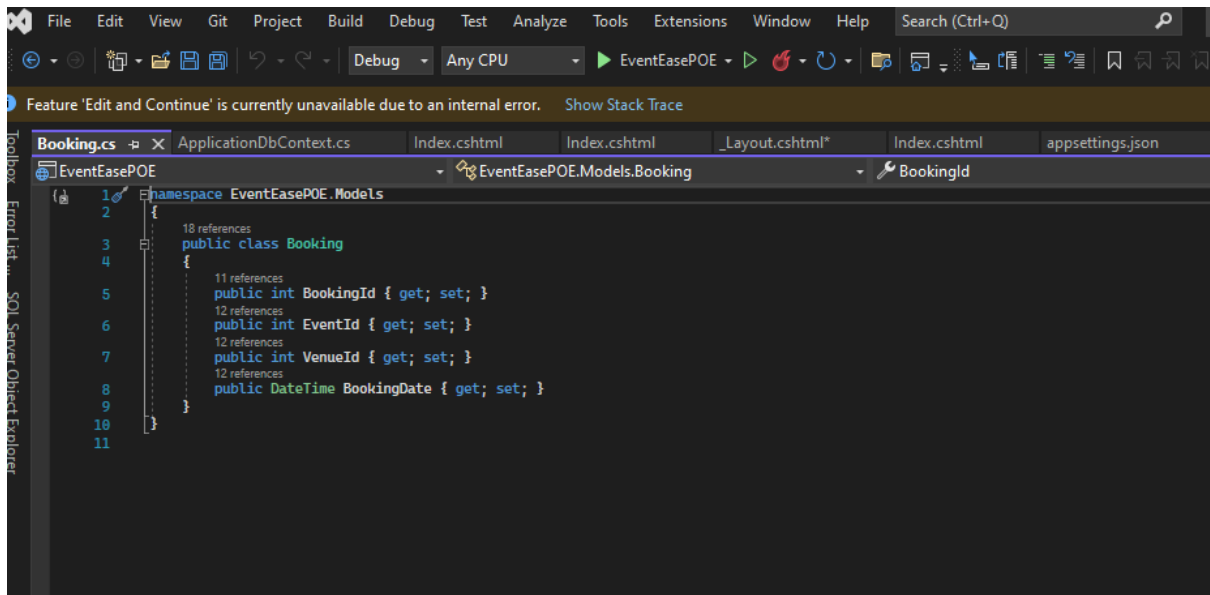
Visual Studio Code

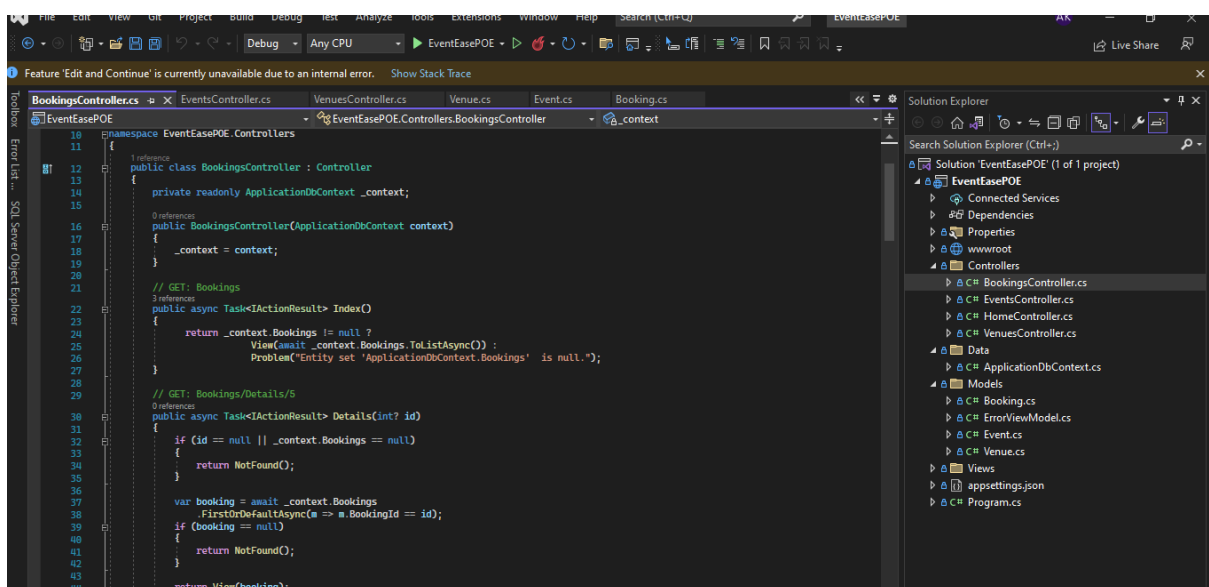
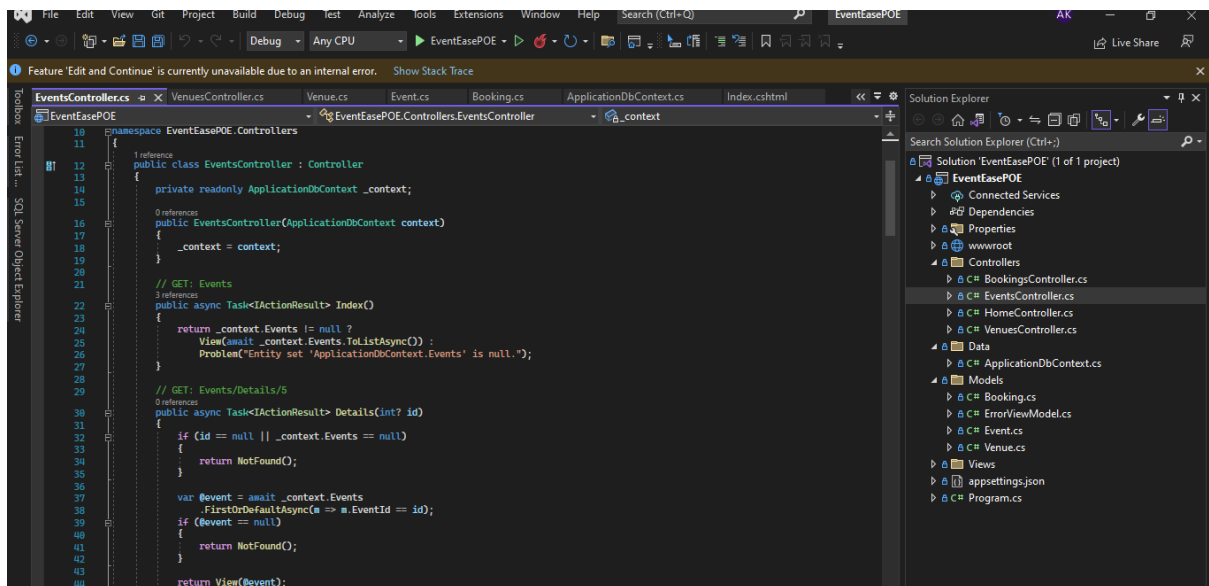
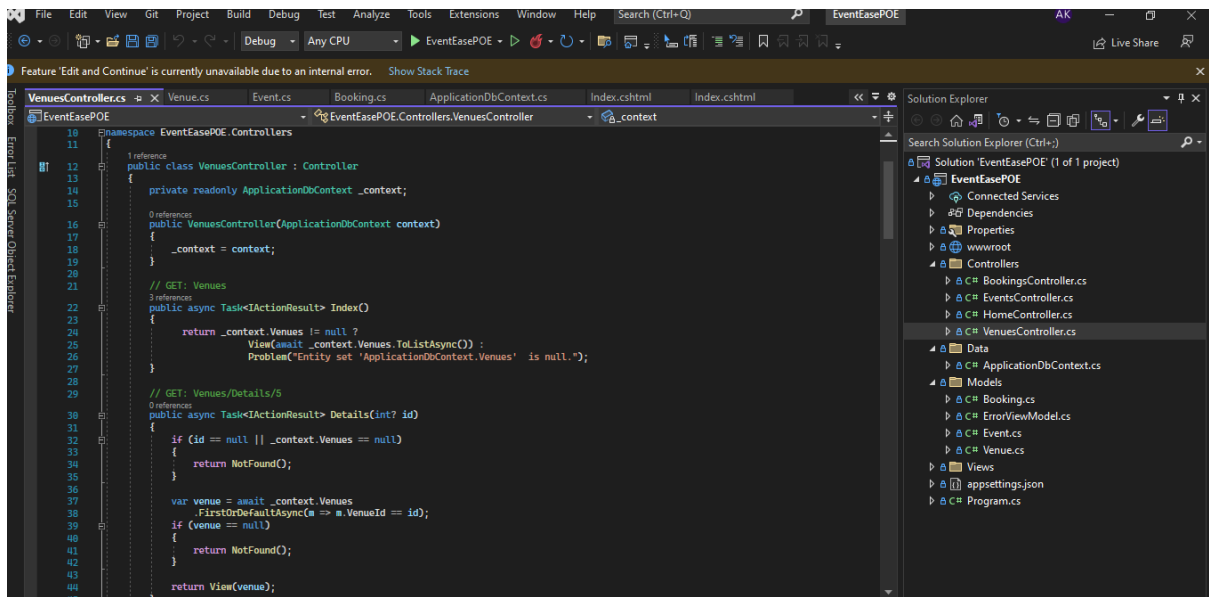




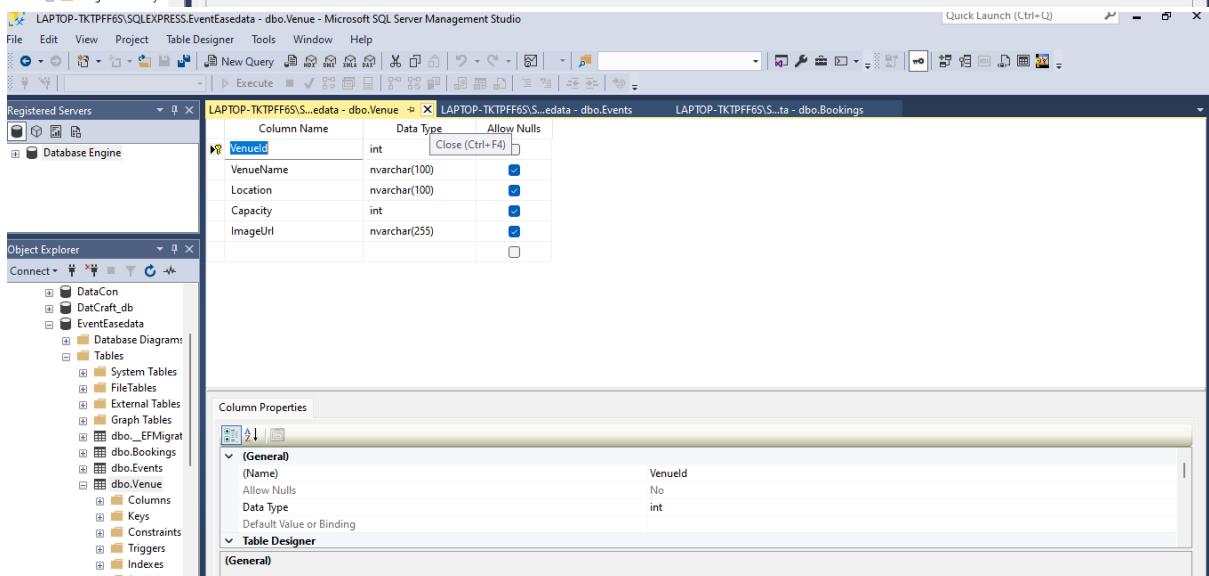
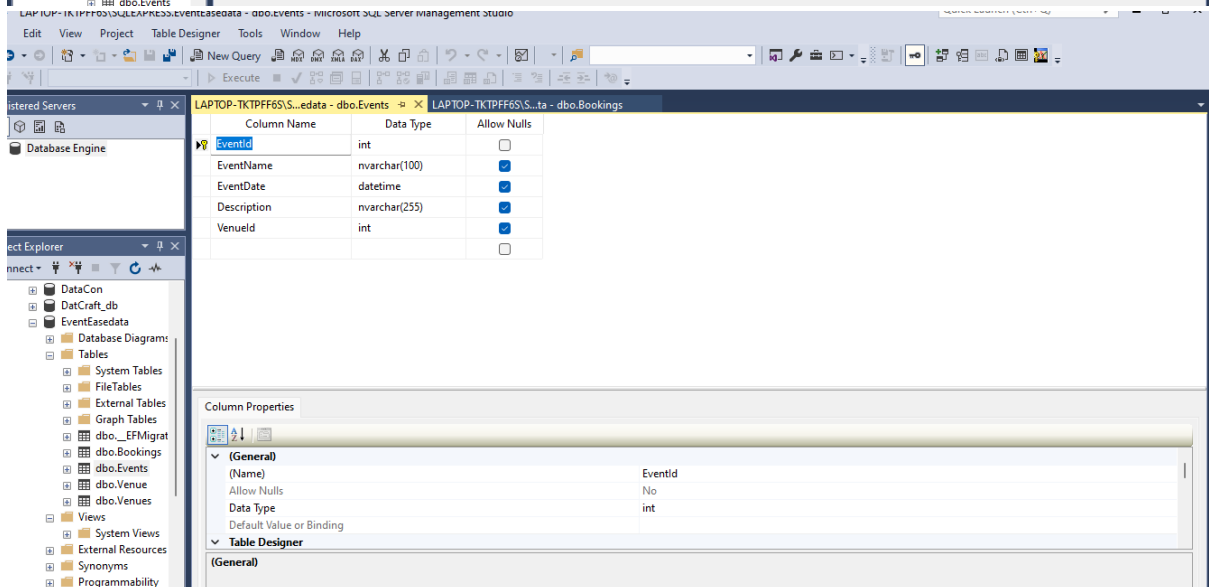
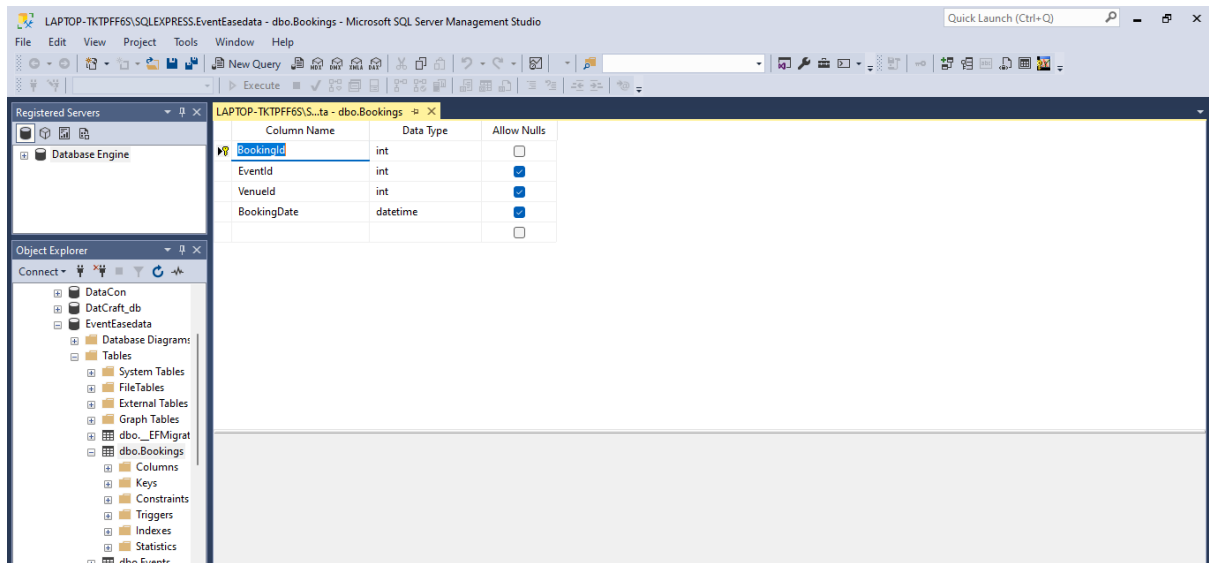


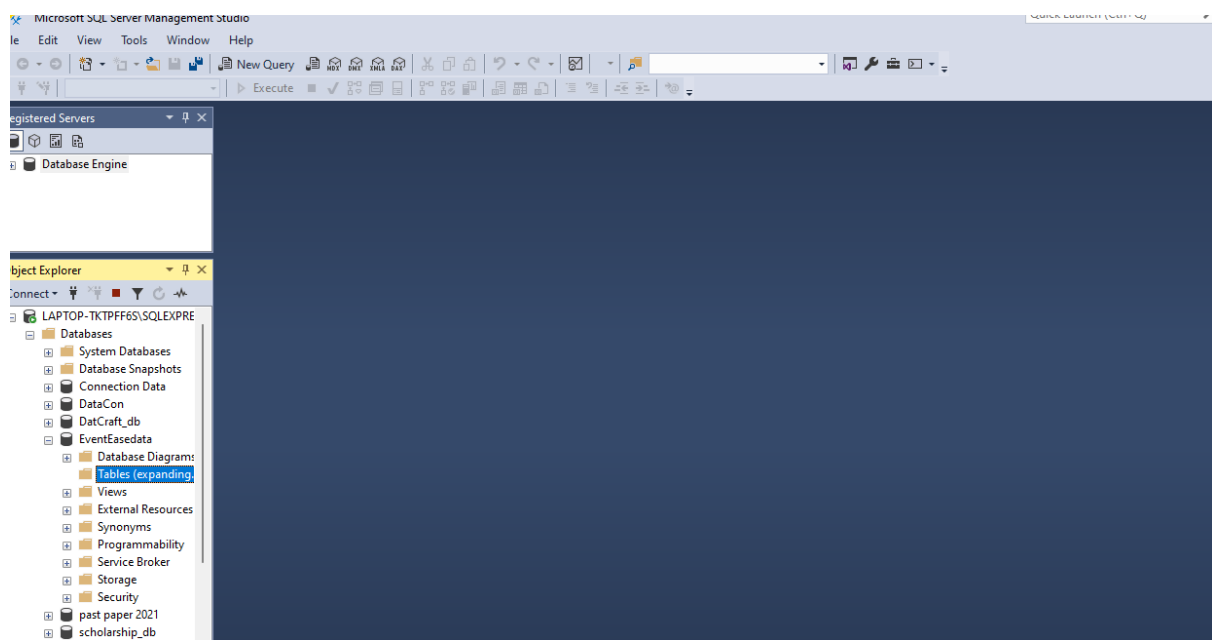
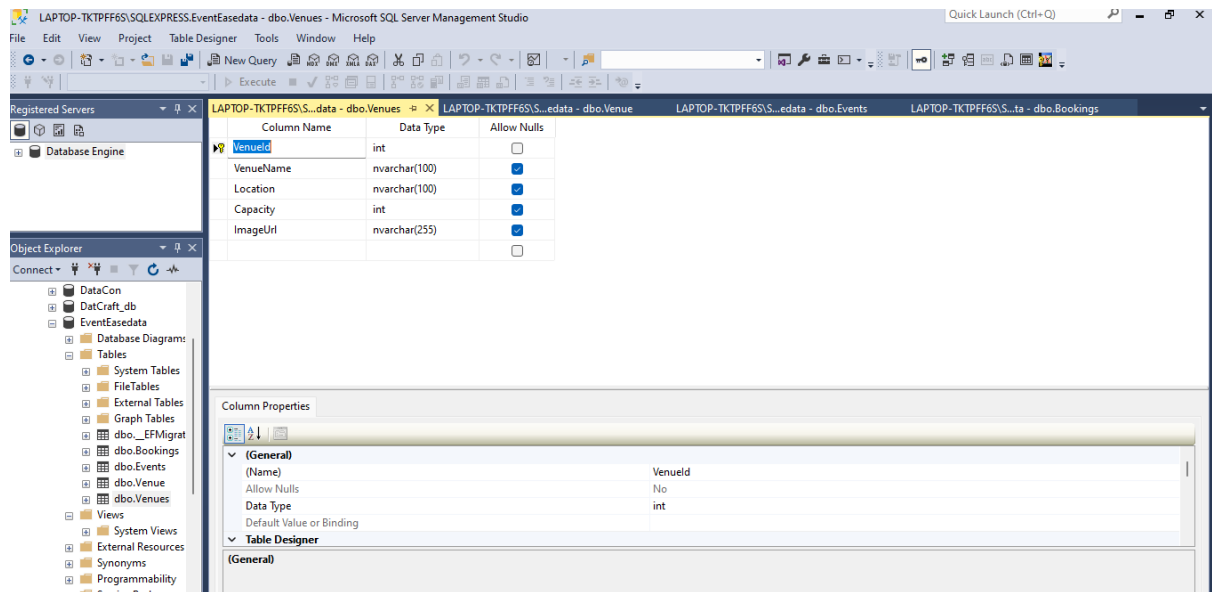




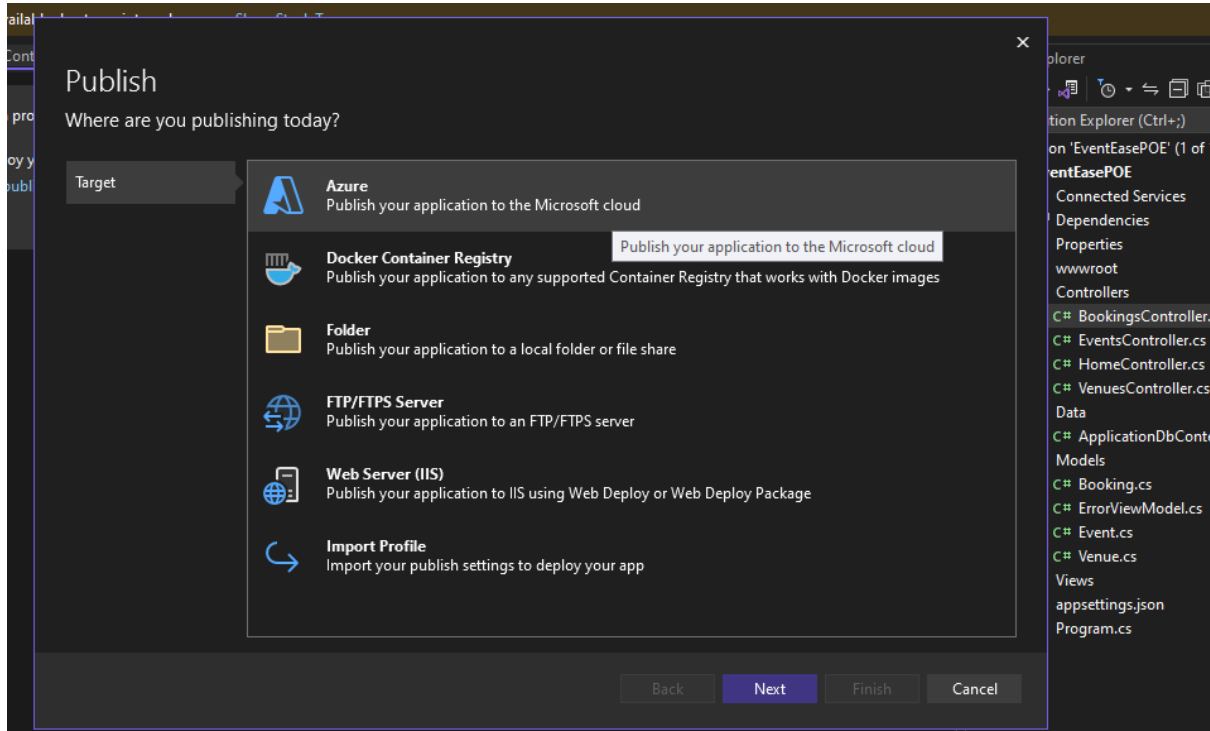
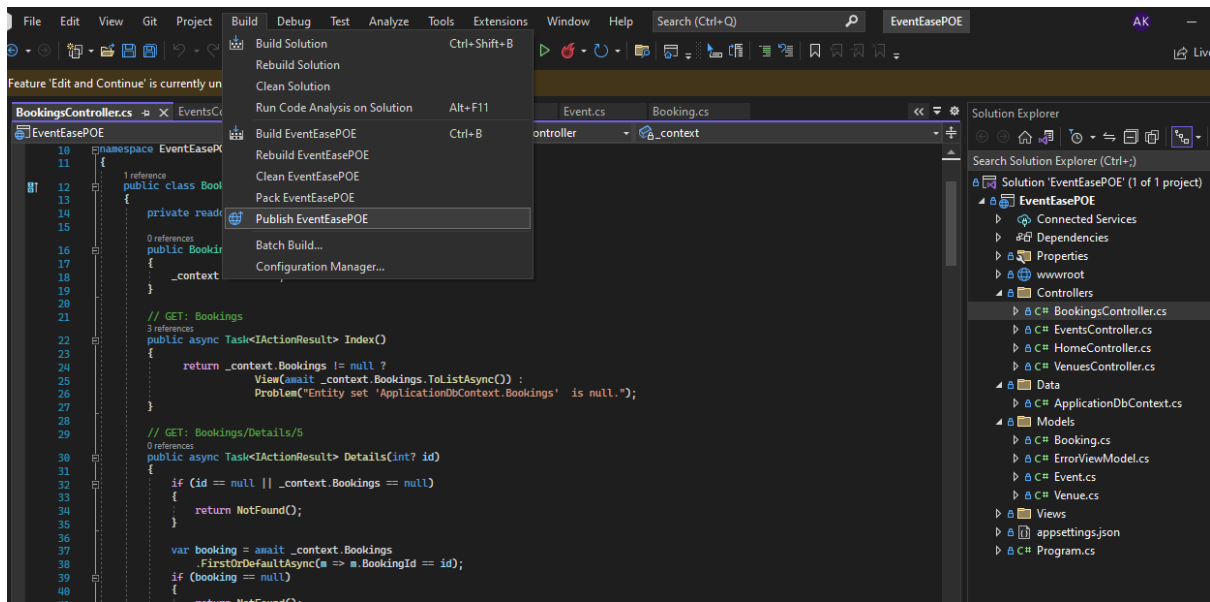


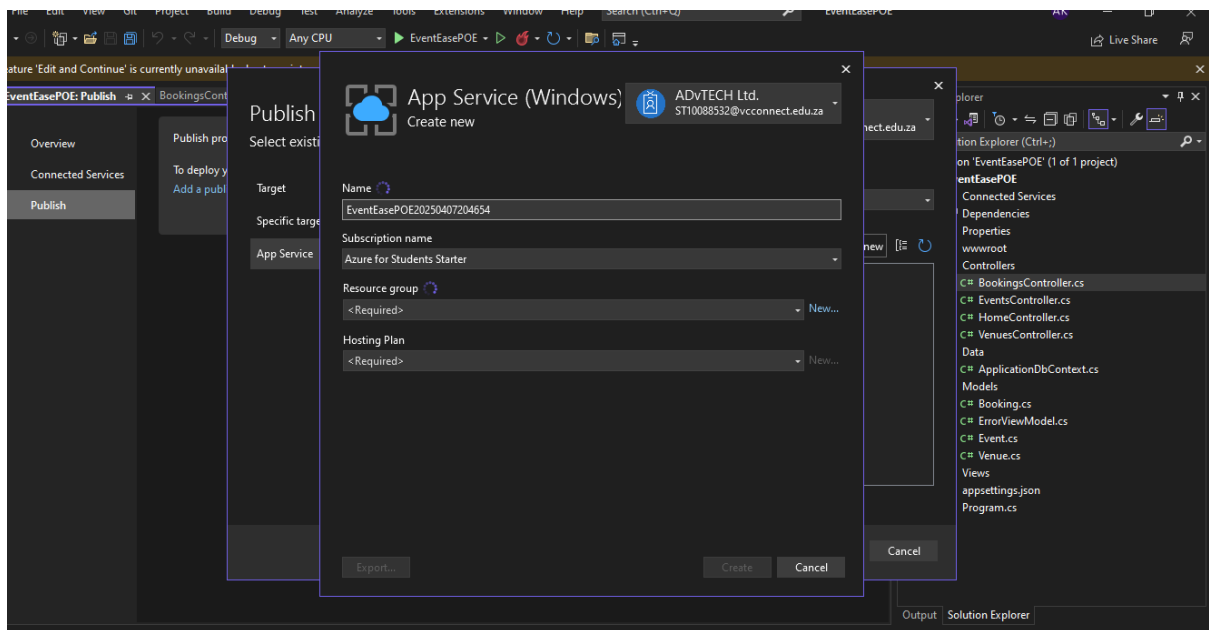
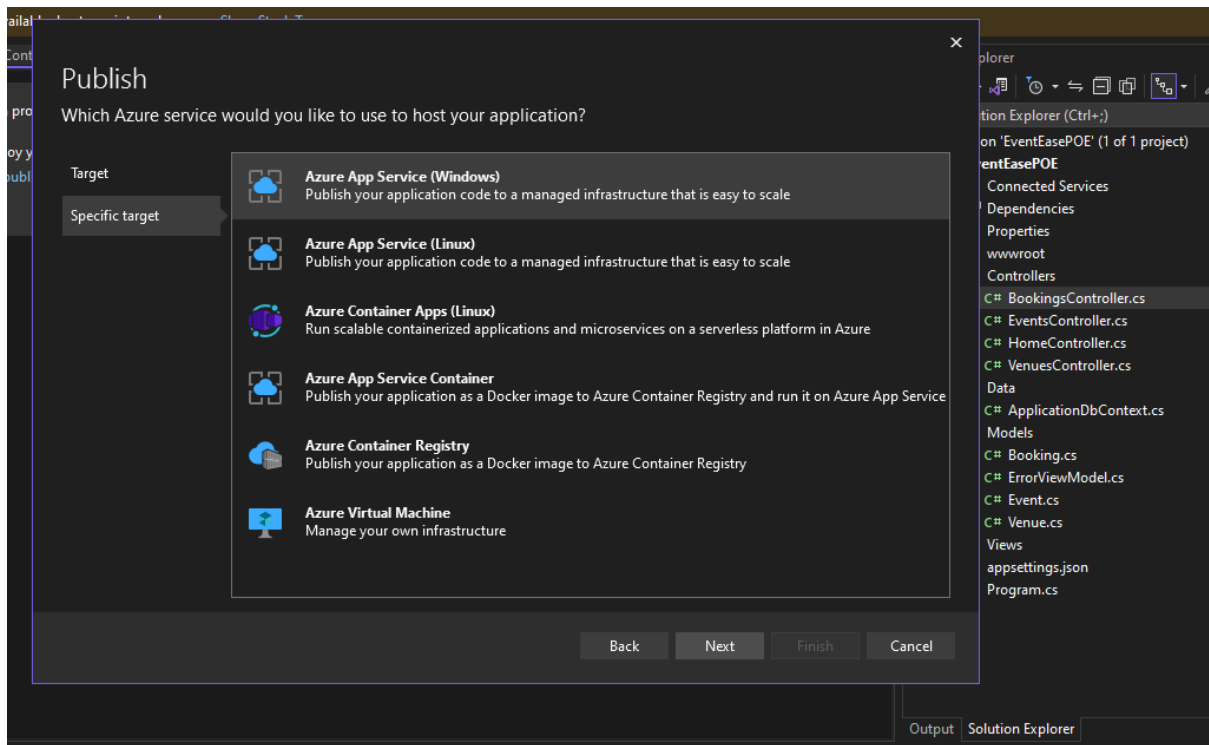
Screenshots of ssms

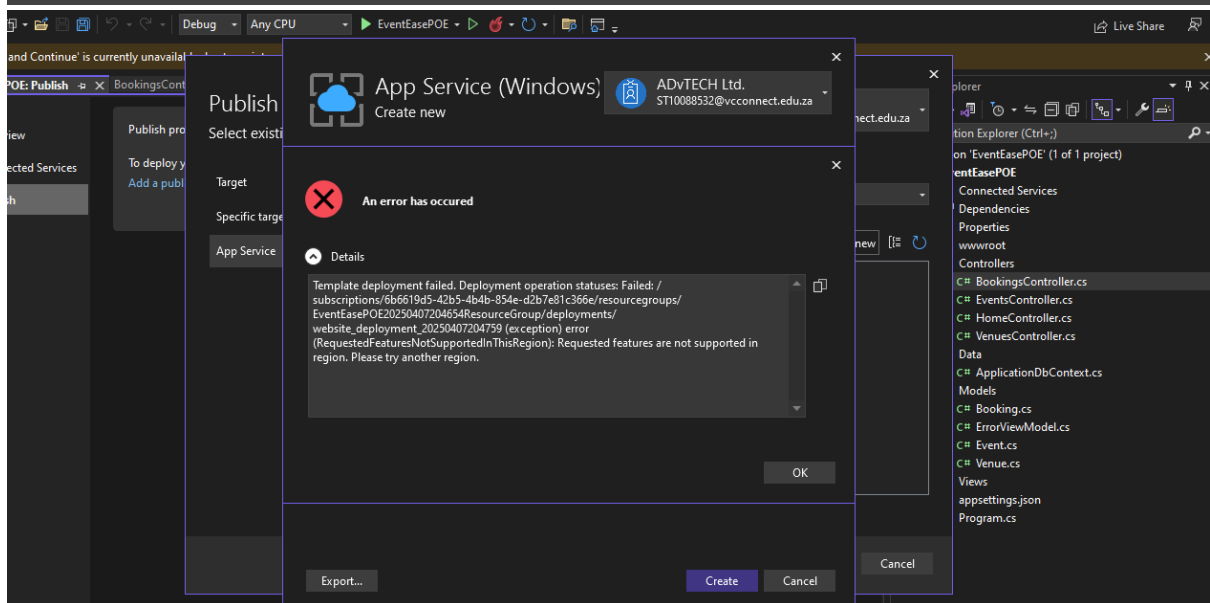
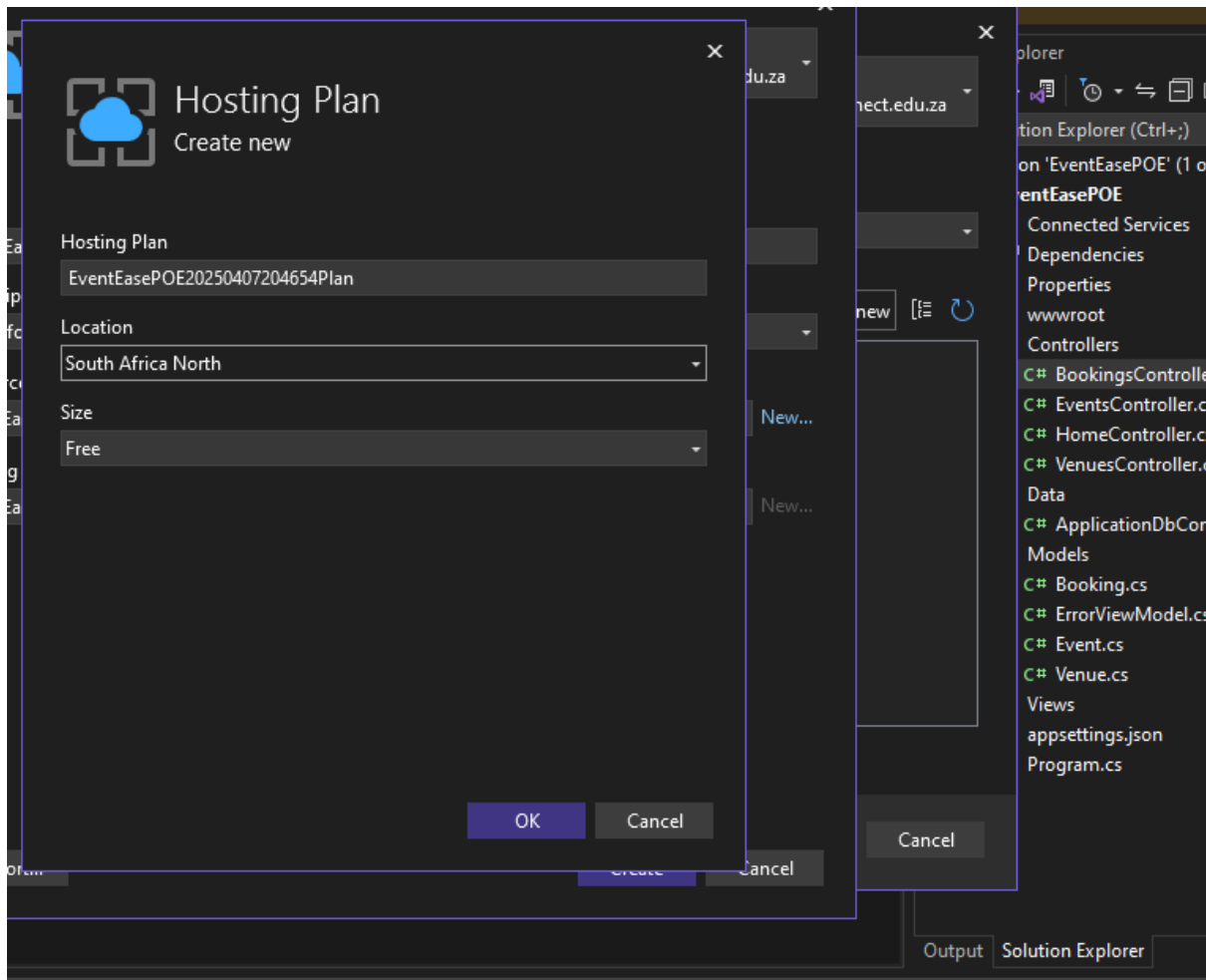


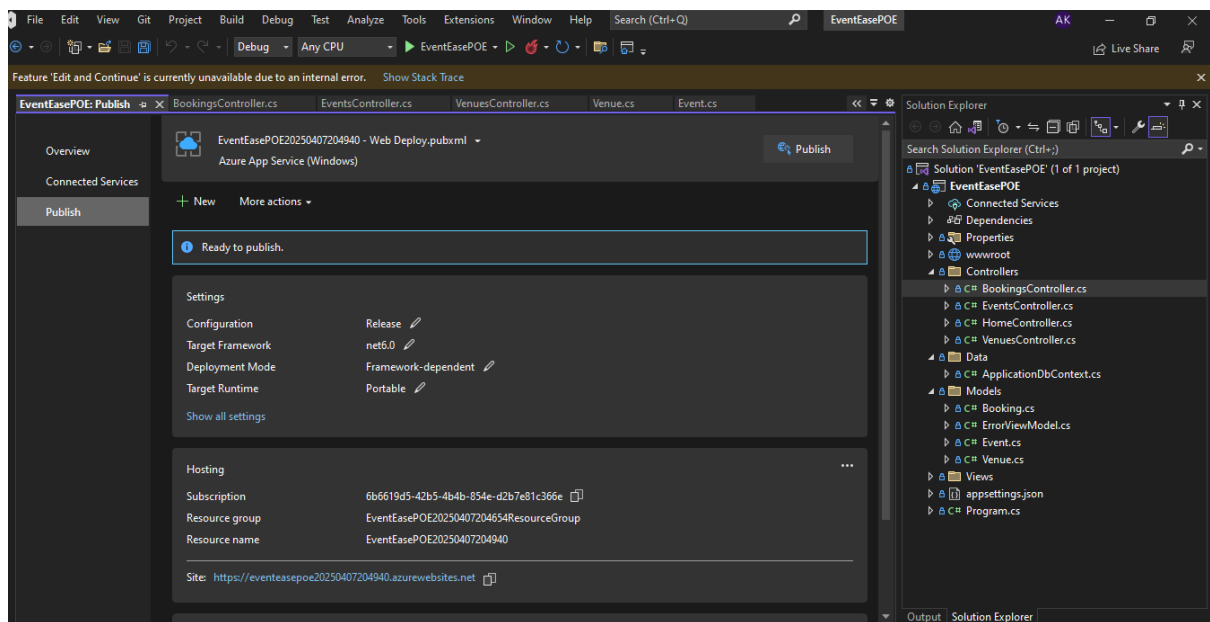
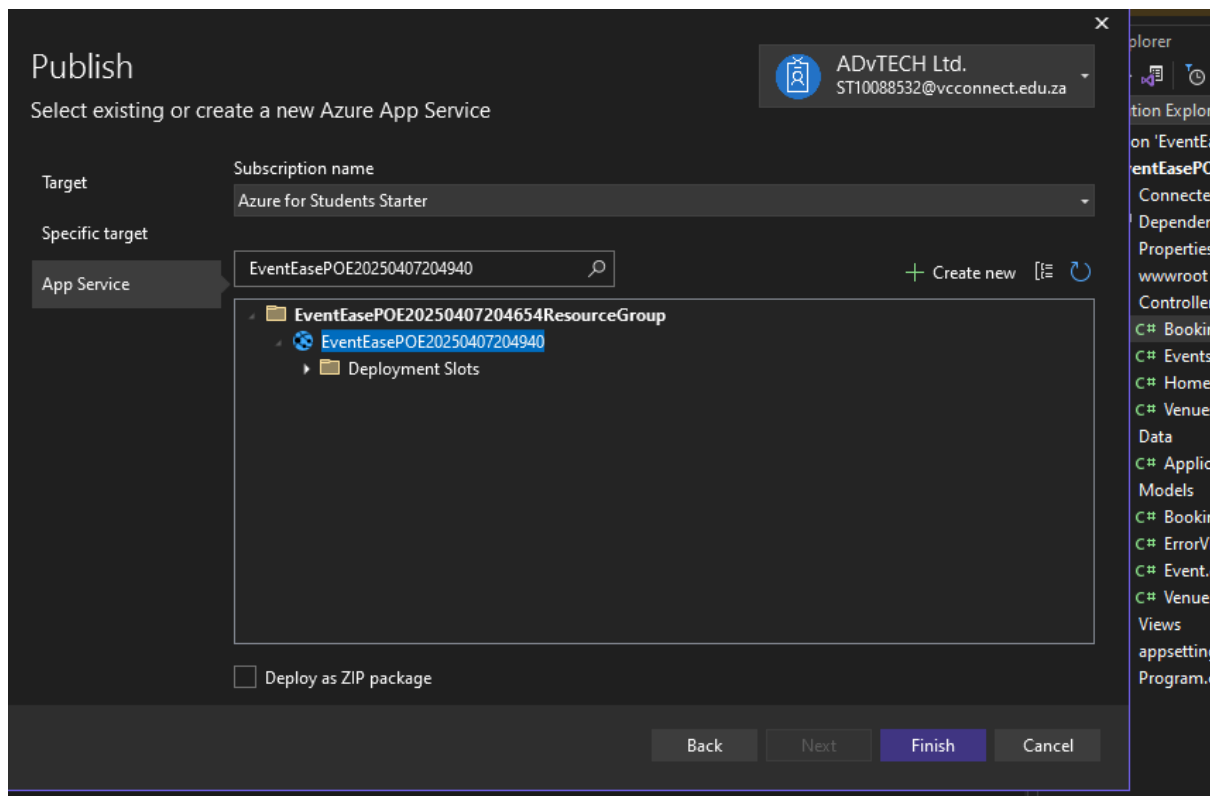


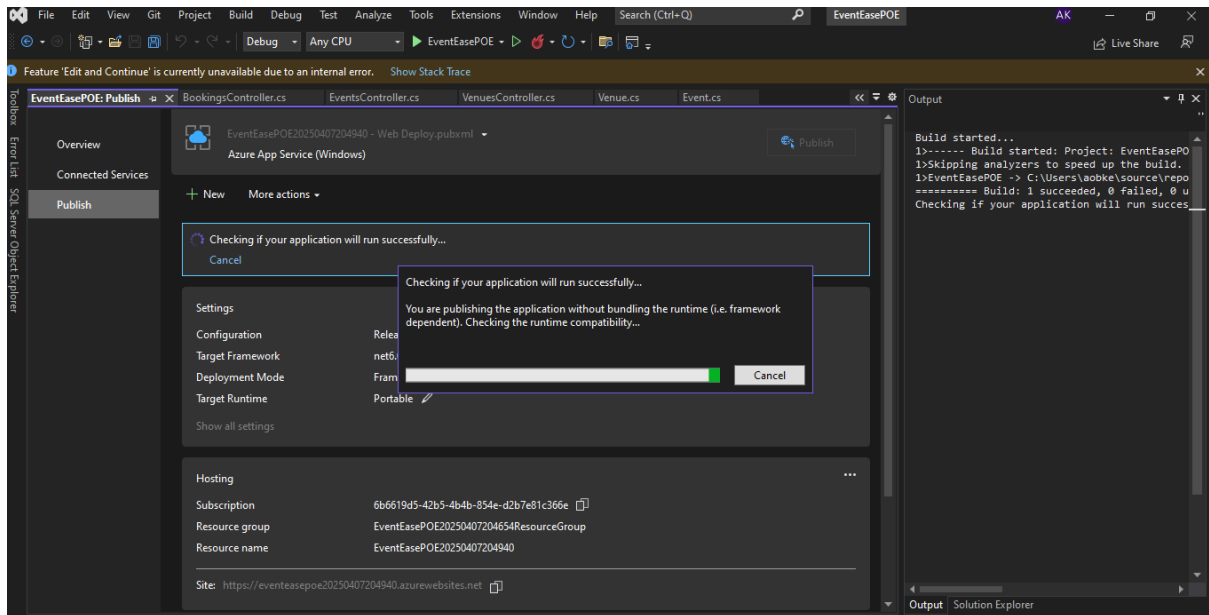
Screenshots of deployment









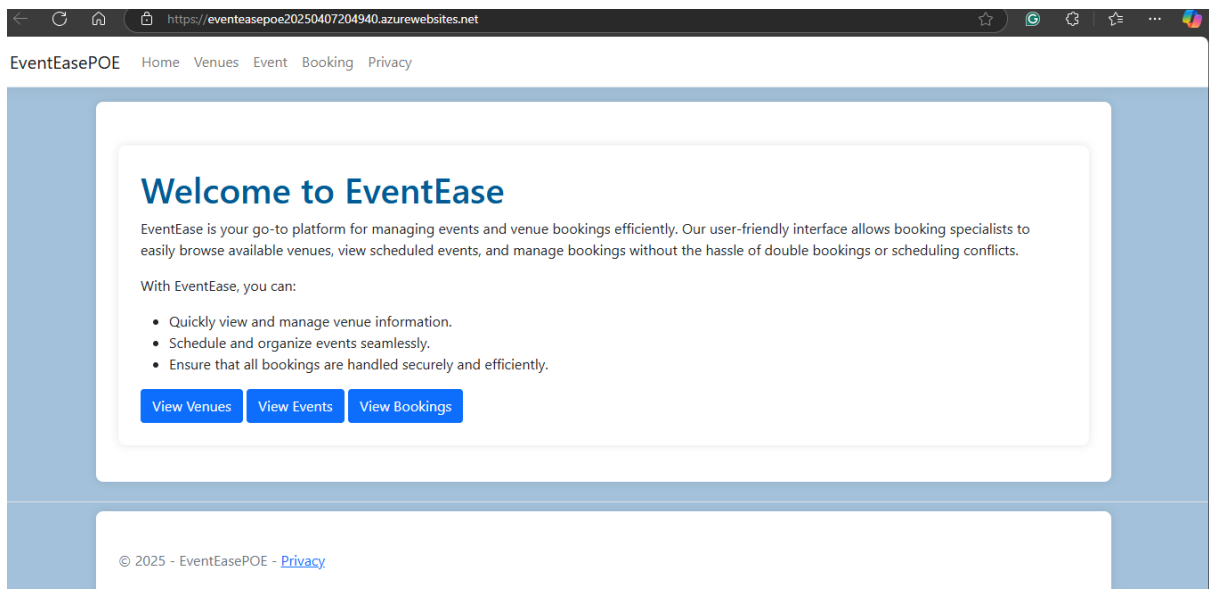


GitHub repository link

<https://github.com/ST10088532/VCSANDTON-CLDV6211-ST10088532.git>

Web app url

<https://eventeasepoe20250407204940.azurewebsites.net>



Part D

1. On-premise software is installed on a company's network/infrastructure. Cloud software relies on a provider's servers and is accessed using the web. While cloud computing offers flexibility and cost-efficiency, on-premise

options offer dependability, security, and control. Mostly a blend of on-premise, cloud and SaaS applications is necessary for continued business growth.

Example, If EventEase decided to deploy on-premises they would need to hire cybersecurity employees/workers to setup firewalls, check the network and system for any threats and make sure the physical server secure.

2. IaaS is an on-demand access to cloud-hosted physical and virtual servers, storage and networking—the backend IT infrastructure for running applications and workloads in the cloud. PaaS is on-demand access to a complete, ready-to-use, cloud-hosted platform for developing, running, maintaining and managing applications.

SaaS, or software as a service, is on-demand access to ready-to-use cloud-hosted application software. (Mrzyglod, 2022) (Ron Karjian, 2024) (S., n.d.)

Example EventEase use IaaS so they need to configure virtual machines, install web servers and manage Operating system patches/updates. With SaaS they would have to adapt their business processes to fit available software. With PaaS comes the perfect balance by using Azure App Service and Azure SQL Database, EventEase can deploy their event booking app, while maintaining control over their application's functionality and user experience. (Mrzyglod, 2022) (Ron Karjian, 2024) (S., n.d.)

Bibliography

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[Accessed 01 April 2025].

S., N., n.d. *On-Premises vs Cloud: Key Differences, Pros & Cons*. [Online]
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[Accessed 01 April 2025].