

CLDV6211POE PART1

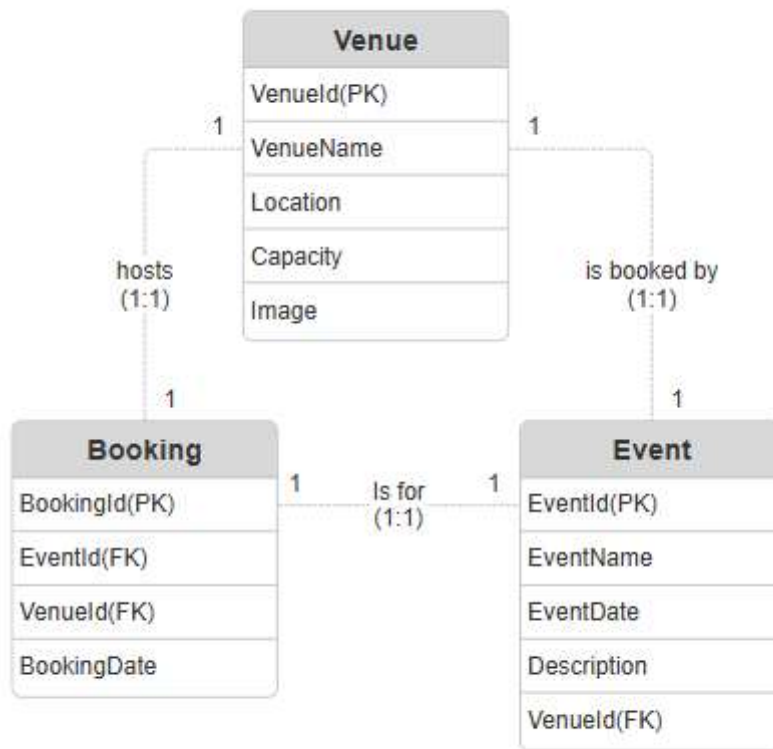
St10450570_Chuma_Makhathini



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ERD

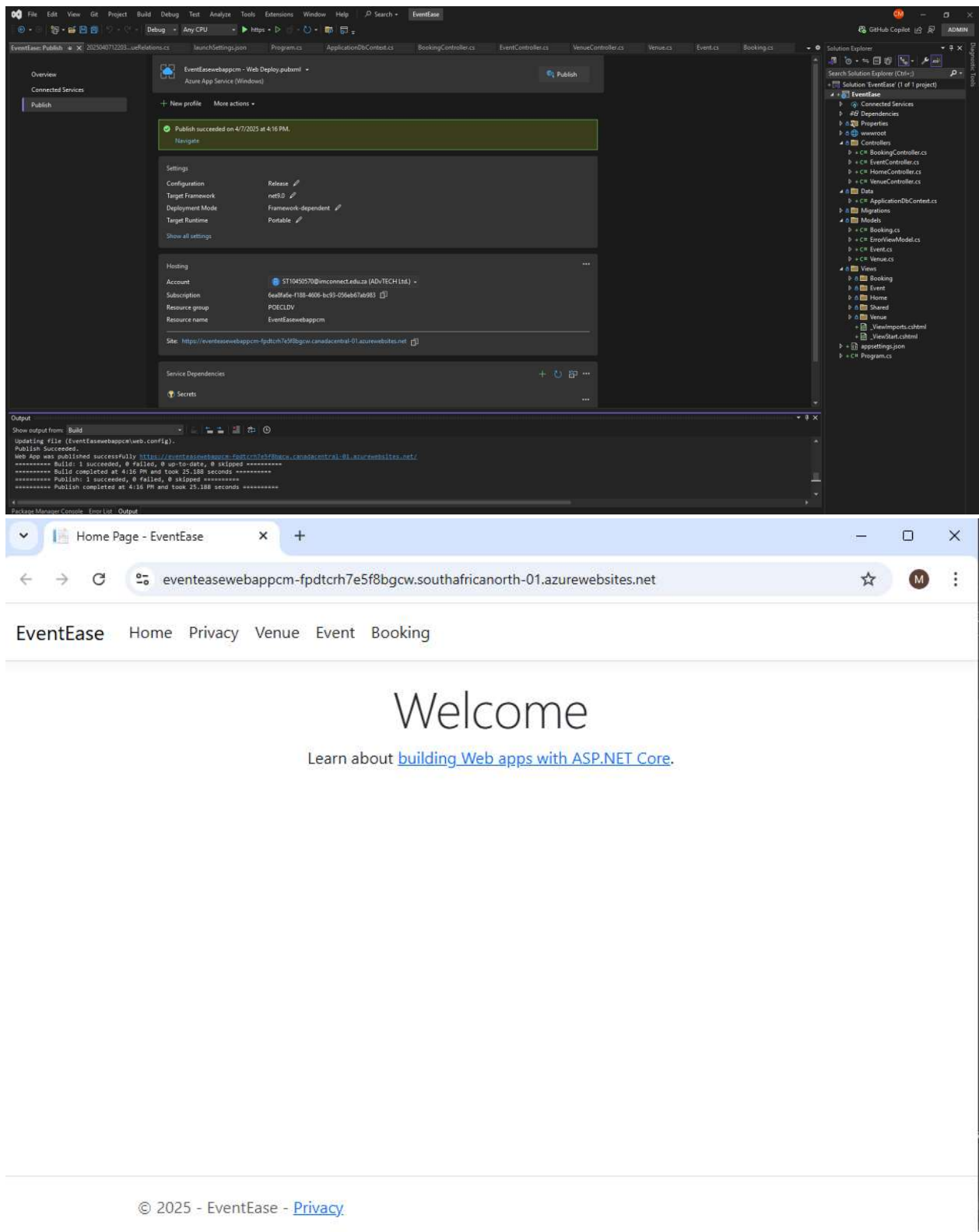


This ERD models a strict one-to-one relationship between **Venue**, **Event**, and **Booking**, ensuring that each event occurs at a single venue and has only one booking. It prevents overbooking and double-booking by enforcing unique links between entities. Each relationship is clearly defined with 1:1 cardinality and labeled accordingly.

WebApp Deployment

The screenshot displays the Microsoft Azure portal interface. The top navigation bar shows the user is logged in as ST10450570@imconnec... (ADVTECH LTD. (ADVTECHONLIN...)). The main content area is titled "Microsoft.Web-WebApp-Portal-796bae8a-8ba3 | Overview". The left sidebar contains a search bar and a list of navigation items: Overview, Inputs, Outputs, and Template. The main content area shows a green checkmark indicating "Your deployment is complete". Below this, deployment details are listed: Deployment name: Microsoft.Web-WebApp-Portal-796ba..., Subscription: Azure for Students Starter, Resource group: POECLDV, Start time: 4/5/2025, 6:46:45 PM, and Correlation ID: 5ca42e39-997f-444a-ab29-b67eacc588. A "Go to resource" button is visible. The right sidebar contains several recommendations: Cost Management, Microsoft Defender for Cloud, Free Microsoft tutorials, and Work with an expert. Below the deployment overview, the "EventEasewebappcm" Web App is shown. The left sidebar for the Web App includes: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Microsoft Defender for Cloud, Events (preview), Recommended services (preview), Log stream, Resource visualizer, Deployment, Deployment slots, and Settings. The main content area for the Web App shows a list of actions: Browse, Stop, Swap, Restart, Delete, Refresh, Download publish profile, Reset publish profile, and Share to mobile. Below this, a message states: "Click here to access Application Insights for monitoring and profiling for your app." The "Essentials" section displays various properties: Resource group (POECLDV), Status (Running), Location (Canada Central), Subscription (Azure for Students Starter), Subscription ID (6ea8fa6e-f188-4606-bc93-056eb67ab983), Default domain (eventeasewebappcm-fpdtcrh7e5f8bgcw.canadacentr...), App Service Plan (ASP-POECLDV-ad22), Operating System (Windows), and Health Check (Cannot fetch health check data. Please try again later.). The "Tags" section shows "Add tags". The "Properties" tab is selected, showing the Web app name (EventEasewebappcm), Publishing model (Code), and Runtime Stack (Dotnet - v9.0).

My azure web application was created and deployed



Microsoft ASP.Net core Web app successfully deployed and published to azure Web applications as shown in the link

SQL Database Migration

The first screenshot shows the 'Overview' page of a deployment in the Microsoft Azure portal. The deployment is titled 'Microsoft.SqlDatabase.newDatabaseNewServer_886ec7cbaf654afb6866' and is in a 'Complete' state. The deployment details show it was created in the 'Azure for Students Starter' subscription, resource group 'POECLDV', and location 'Canada Central'. The deployment name is 'Microsoft.SqlDatabase.newDatabaseNewServer_886ec7cbaf654afb6866'. The start time is '2023-10-10T10:05:10.000Z' and the correlation ID is '865a20f8-f860-49a5-9b9f-acc89c84a09c'. The deployment is complete, and the 'Go to resource' button is visible.

The second screenshot shows the 'EventEaseDB (eventeaseserverpoe/EventEaseDB)' SQL database page in the Microsoft Azure portal. The database is in the 'Online' state and is located in the 'Canada Central' region. The resource group is 'POECLDV'. The subscription is 'Azure for Students Starter' and the subscription ID is '6ea8fa6e-f188-4606-bc93-056eb67ab983'. The pricing tier is 'Free' and the earliest restore point is 'No restore point available'. The page includes a 'Getting started' section with a 'Start working with your database' button and a 'Learn more' link.

Screenshots showing and confirming that my Azure SQL database has been created

Microsoft Azure

EventEaseDB

Copilot

ST10450570@imconnect...

Home > Microsoft.SQLDatabase.newDatabaseNewServer_886ec7cba9f54fab6b6866 | Overview > EventEaseDB (st10450570eventeaseserver/EventEaseDB) > st10450570eventeaseserver | SQL databases > EventEaseDB (st10450570eventeaseserver/EventEaseDB)

EventEaseDB (st10450570eventeaseserver/EventEaseDB) | Query editor (preview)

Search

Login + New Query Open query Feedback Getting started

EventEaseDB (ST10450570@imconnect...)

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

dbo.Booking

dbo.Event

dbo.Venue

Views

Stored Procedures

Query 1

Run Cancel query Save query Export data as Show only Editor

1 SELECT * FROM [dbo].[Booking]

Results Messages

Search to filter items...

| | Id | BookingId | EventId | VenueId | BookingDate |
|---|----|-----------|---------|---------|-----------------------------|
| 1 | | B001 | E001 | V001 | 2025-04-07T08:57:23.6200000 |
| 2 | | B002 | E002 | V002 | 2025-04-07T08:57:23.6200000 |
| 3 | | B003 | E003 | V003 | 2025-04-07T08:57:23.6200000 |

Query succeeded | 0s

Microsoft Azure

EventEaseDB

Copilot

ST10450570@imconnect...

Home > Microsoft.SQLDatabase.newDatabaseNewServer_886ec7cba9f54fab6b6866 | Overview > EventEaseDB (st10450570eventeaseserver/EventEaseDB) > st10450570eventeaseserver | SQL databases > EventEaseDB (st10450570eventeaseserver/EventEaseDB)

EventEaseDB (st10450570eventeaseserver/EventEaseDB) | Query editor (preview)

Search

Login + New Query Open query Feedback Getting started

EventEaseDB (ST10450570@imconnect...)

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

dbo.Booking

dbo.Event

dbo.Venue

Views

Stored Procedures

Query 1

Run Cancel query Save query Export data as Show only Editor

1

Results Messages

Search to filter items...

| | Id | VenueId | VenueName | Location | Capacity | ImageURL |
|---|----|---------|----------------------------|------------------------------|----------|---------------------------------|
| 1 | | V001 | FNB Stadium | Johannesburg, Gauteng | 94736 | https://via.placeholder.com/150 |
| 2 | | V002 | Moses Mabhida Stadium | Durban, KwaZulu-Natal | 55000 | https://via.placeholder.com/150 |
| 3 | | V003 | Cape Town Stadium | Cape Town, Western Cape | 55000 | https://via.placeholder.com/150 |
| 4 | | V004 | Nelson Mandela Bay Stadium | Port Elizabeth, Eastern Cape | 46000 | https://via.placeholder.com/150 |
| 5 | | V005 | Free State Stadium | Bloemfontein, Free State | 36000 | https://via.placeholder.com/150 |

Home > Microsoft SQL Database > newDatabaseNewServer_886ec7c2a654afb6d866 | Overview > EventEaseDB (st10450570eventeaserver/EventEaseDB) > st10450570eventeaserver | SQL databases > EventEaseDB (st10450570eventeaserver/EventEaseDB)

EventEaseDB (st10450570eventeaserver/EventEaseDB) | Query editor (preview) ☆ ...

SQL database

Search Login + New Query Open query Feedback Getting started

Overview Activity log Tags Diagnose and solve problems Query editor (preview) Mirror database in Fabric (preview) Resource visualizer Settings Compute + storage Connection strings Properties Locks Data management Integrations Power Platform Security Ledger Data Discovery & Classification Dynamic Data Masking Microsoft Defender for Cloud Identity Data Encryption Intelligent performance

EventEaseDB (ST10450570@imconnect...)

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

- dbo.Booking
- dbo.Event
- dbo.Venue

Views

Stored Procedures

Query 1

Run Cancel query Save query Export data as Show only Editor

```
1 SELECT * FROM [dbo].[Event]
```

Results Messages

Search to filter items...

| id | EventId | EventName | EventDate | Description | VenueId |
|----|---------|-----------------|-----------------------------|--|---------|
| 1 | E001 | Rock Concert | 2025-06-15T19:00:00.0000000 | A thrilling rock concert featuring ... | V001 |
| 2 | E002 | Tech Conference | 2025-07-20T09:00:00.0000000 | Annual technology conference wi... | V002 |
| 3 | E003 | Football Match | 2025-08-05T15:00:00.0000000 | Exciting football match between t... | V003 |

Query succeeded | 0s

Screenshots showing that my data has been migrated, and tables exist

URLs

<https://github.com/IIEMSA/part-1-poe-ST10450570>

eventeasewebappcm-fpdtcrh7e5f8bgcw.canadacentral-01.azurewebsites.net [Home](#)
[Page - EventEase](#)

References

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