

Project Report

On

UrbanCompany API

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## DataBase Schema:

### - Customer

Field	DataType	Constraint
CustomerId	int	Primary Key
CustomerName	varchar	
CustomerPhone	nvarchar	
CustomerEmail	nvarchar	
CustomerAddress	varchar	
CustomerCity	varchar	
CustomerDistrict	varchar	

### - Provider

Field	DataType	Constraint
ProviderId	int	Primary Key
ProviderName	varchar	
ProviderPhone	nvarchar	
ProviderEmail	nvarchar	
ProviderCity	varchar	
ProviderDistrict	varchar	
Service	Int	Foreign Key

- Services\_Category

Field	DataType	Constraint
ServiceId	int	Primary Key
ServiceName	varchar	NotNull

- Sub\_Service

Field	DataType	Constraint
SubServiceId	int	Primary Key
SubServiceName	varchar	Not Null
ServiceId	int	Foreign Key
Cost	int	Not Null

- Cart

Field	DataType	Constraint
CartId	int	Primary Key
Customer	int	Foreign Key
Provider	int	Foreign Key
Service	int	Foreign Key
Sub_Service	int	Foreign Key
Cost	int	Not Null

- Orders

Field	DataType	Constraint
OrderId	int	Primary Key
Customer	int	Foreign Key
TotalCost	int	Not Null

- Order\_History

Field	DataType	Constraint
OrderHistoryId	int	Primary Key
OrderId	int	Foreign Key
Customer	int	Foreign Key
Provider	int	Foreign Key
Service	int	Foreign Key
SubService	int	Foreign Key
Cost	int	Not Null

### Controllers:

- Authentication Controller
- Customer Controller
- Provider Controller
- DisplayService Controller
- DisplayProvider Controller
- Cart Controller
- Order Controller

Repository:

- CustomerRepository
- ProviderRepository
- DisplayServiceRepository
- CartRepository
- OrderRepository
- OrderHistoryRepository

### Future Activity and Enhancement:

- HttpPatch for update Individual entry.
- Delete / Soft Delete Record from Customer and Service Provider.
- Separate Address Table for Customer.
- Separate Two Authentication record table for Customer and Provider.
- Logout Functionality.