

# eCommerce Web App

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This is an eCommerce Web app system. The Project is build with the following technologies: \* React Typescript for front-end \* .NET Core 5.0 for back-end \* MSSQL Server

## Get Started

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### Dependencies

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In order to build and test this WebApp on local machine, install the following: \* node \* npm or yarn istalled golbally \* React \* .NET Core 5.0 \* git \* SQL Server Management Studio (SSMS) or any SQL Management Studio (MSSQL Server)

### Great Application to have

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- Visual Studio IDE or use dotnet cli
- Visual Studio Code

### Installation

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First clone the repo to have the code on your local machine

```
git clone https://github.com/WanjohiSammy/BETeCommerceApp.git
```

#### Back-End application

Restore .NET Core backages

```
You can use tool of your choice. I use Visual Studio IDE to restore and build  
Install-Package
```

Create a Database.

```
Install Download SQL Server Management Studio (SSMS) or any SQL Management Studio  
Run migrations to create tables in db. Migrations located in  
cd ..\BETeCommerce\BETeCommerce.DataLayer\Migrations  
If using Visual Studio IDE, make sure Default Project is "BETeCommerce.DataLayer"
```

```
using .bak file to restore DB. This contain some few data  
located in: ..\BETeCommerce\BETeCommerceDB.bak
```

Modify the appsettings.json

```
{
  "Logging": {
    "LogLevel": {
      "Default": "Information",
      "Microsoft": "Warning",
      "Microsoft.Hosting.Lifetime": "Information"
    }
  },
  "AllowedHosts": "*",
  "Jwt": {
    "Key": "gZg5QFi0KH0hqrFVSHC1d60w6a4kqIlyKk8MhZ",
    "Issuer": "https://localhost:44352/",
    "Audience": "https://localhost:44352/"
  },
  "Email": {
    "FromAddress": "soft.happy1ife@gmail.com",
    "Password": "Password"
  },
  "ConnectionStrings": {
    "DefaultConnection": "Server=(localdb)\\mssqllocaldb;Database=BETeCommerceDB;Trusted_Connection=True;MultipleActiveResultSets=true"
  }
}
```

Start back-end application. Swagger API page will open in the Browser

```
#### Front-End application
```sh
cd ...\BETeCommerce\ClientApp
```

To open with Visual Studio code if already installed

```
code .
```

Install react packages required for this app to start and run

```
yarn install
```

create .env in the root folder same as where the .gitignore is. Put this env variable in the .env file <https://localhost:44352/> is the back-end root url

```
REACT_APP_BASE_URL=https://localhost:44352/
```

Start App (Make sure the Back-End is running)

```
yarn start
```

## What it Can Do

Register User User Login Show, Add, Update, Delete Product Category Show, Add, Update, Delete Products Add and remove from Cart Checkout Send Email

## Contact me

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