

Installation guide:

Create an AWS instance:

- For guidance on creating AWS instances, please see Amazons own documentation (https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/EC2_GetStarted.html#ec2-launch-instance)
- Create an EC2 with the following configuration:
 - **Amazon Machine Image:** Ubuntu Server 16.04 LTS (HVM), SSD Volume Type - ami-d38a4ab1
 - **Instance Type:** t2.micro
 - **Configure Instance:** Default settings
 - **Storage:** Default settings
 - **Tags:** Set up a tag to identify the instance
 - Name : TableTop Server
 - **Security group:** A security group with the following rules
 - HTTP ; TCP ; 80 ; (Custom 0.0.0.0/0, ::/0)
 - SSH ; TCP ; 80 ; (My IP)
 - HTTPS ; TCP ; 443 ; (Custom 0.0.0.0/0, ::/0)
- Review the settings and launch the instance
 - If you have not already set up a keypair, you can do so now. See Amazons documentation for more information on setting up a keypair (<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ec2-key-pairs.html>)
- Return to the EC2 Management Console to monitor your new instance. Wait for it to finish launching before trying to connect.

Connect to your EC2 Instance

If do not already have an SSH client, you will need to download one to access your Amazon EC2. For a detailed guide for your particular OS, please see Amazon's documentation <https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AccessingInstances.html>

Once connected, login as

```
ubuntu
```

Clone the Git repository

Clone the git repository:

```
cd
```

```
git clone https://github.com/DanMakor/TableTop2017CoreWeb.git
```

Run the deploy script

```
cd /home/ubuntu/TableTop2017CoreWeb
```

```
sudo ./deploy
```

Press Y through the prompts, and then wait for the script to finish

Launching the application

```
cd /home/ubuntu/TableTop2017CoreWeb
```

```
sudo ./run
```

Reaching the website

To reach the website, enter your AWS ec2 IPV4 address into the url bar of your web browser. You should then be presented with the home page of the application.

Troubleshooting the application

-- The application asks to do database migrations

If this occurs, you will need to remove the tournamnet.db file from the project directory, then run `dotnet restore` and `dotnet ef database update --context TournamentDbContext` again.