Exercise (Instructions): Building and Deploying to iOS Emulator

Objectives and Outcomes

In this exercise you will learn about configuring, building and deploying your Ionic app to an iOS emulator. At the end of this exercise, you will be able to:

- Configure and build your Ionic app for the iOS platform
- Deploy your app to an iOS emulator

Updating localhost to the IP address of your computer

- Find out the IP address of your computer. On a Mac, go to System Preferences->Network to find the IP address of your network adapter.
- Open services.js, and change the localhost in the following line to the IP address of your computer:

```
.constant("baseURL", "http://<Your Machine's IP Address>:3000/")
```

- For example, if your IP address is 192.168.1.121, then the above line should be as follows:

```
.constant("baseURL", "http://192.168.1.121:3000/")
```

- Save the changes.
- Make sure that your json-server is up and running

Configure, build and Deploy to an iOS Emulator

- Open a terminal window and go to the conFusion folder where you have your Ionic application.
- If you have not installed ios-sim globally, then make sure to install ios-sim as shown below:

```
npm install -g ios-sim
```

Use sudo if you are doing this on a Mac or Linux machine.

- Next, add the iOS platform to your app by typing the following at the prompt:

```
ionic platform add ios
```

- Then, build the app for the iOS platform as follows:

```
ionic build ios
```

- Finally, you can deploy the app to the iOS emulator by typing the following at the prompt:

```
ionic emulate ios
```

- This will start your default iOS emulator and deploy the app to the emulator, and run the app.

Conclusions

In this exercise, you learnt to configure, build and deploy your app to an iOS emulator.