

Android Installation guide

This document contains the installation guide for the android application.

The organisation is required to deploy the Android Server for the app to function properly.

The end user is installing only the app.

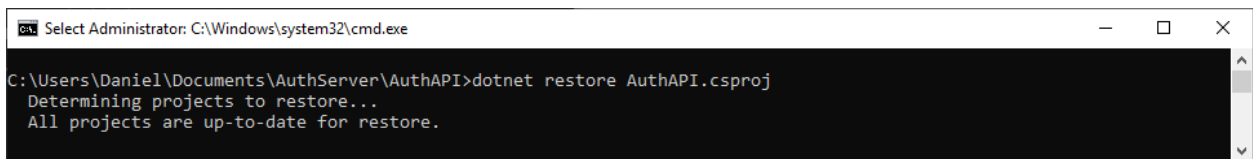
For the organisation (Android server)

1. Install Dotnet version 5 ([official guide](#)).
2. Clone Repository from [GitHub](#)
3. Open the repository folder in terminal
4. Open AuthAPI project : “cd AuthAPI”



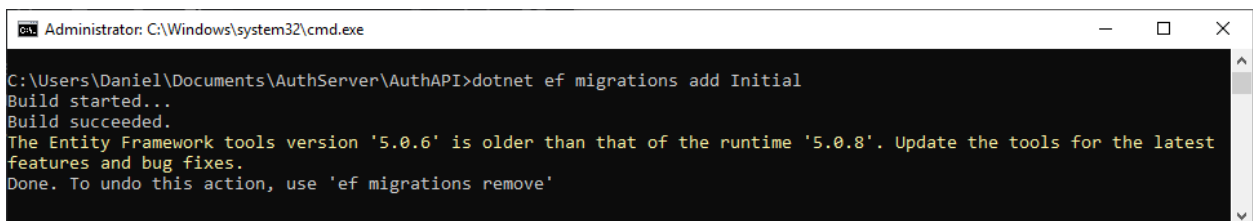
```
cmd Select Administrator: C:\Windows\system32\cmd.exe
C:\Users\Daniel\Documents\AuthServer>cd AuthAPI
```

5. Run command in terminal: “dotnet restore AuthAPI.csproj”



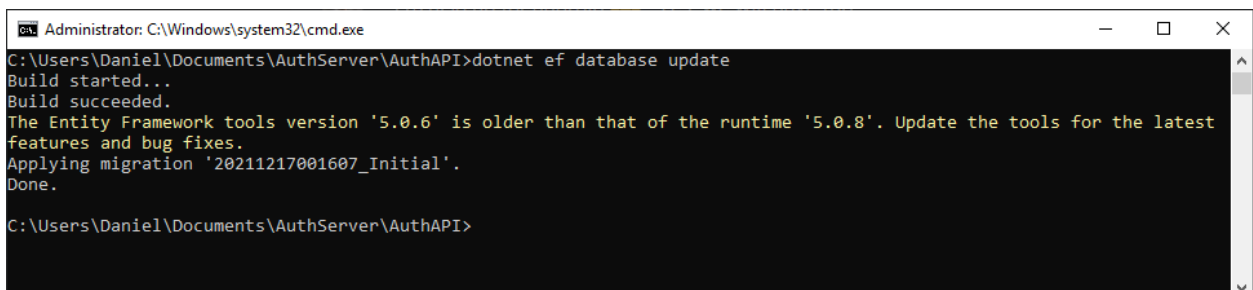
```
cmd Select Administrator: C:\Windows\system32\cmd.exe
C:\Users\Daniel\Documents\AuthServer\AuthAPI>dotnet restore AuthAPI.csproj
Determining projects to restore...
All projects are up-to-date for restore.
```

6. Run command in terminal: “dotnet ef migrations add Initial”



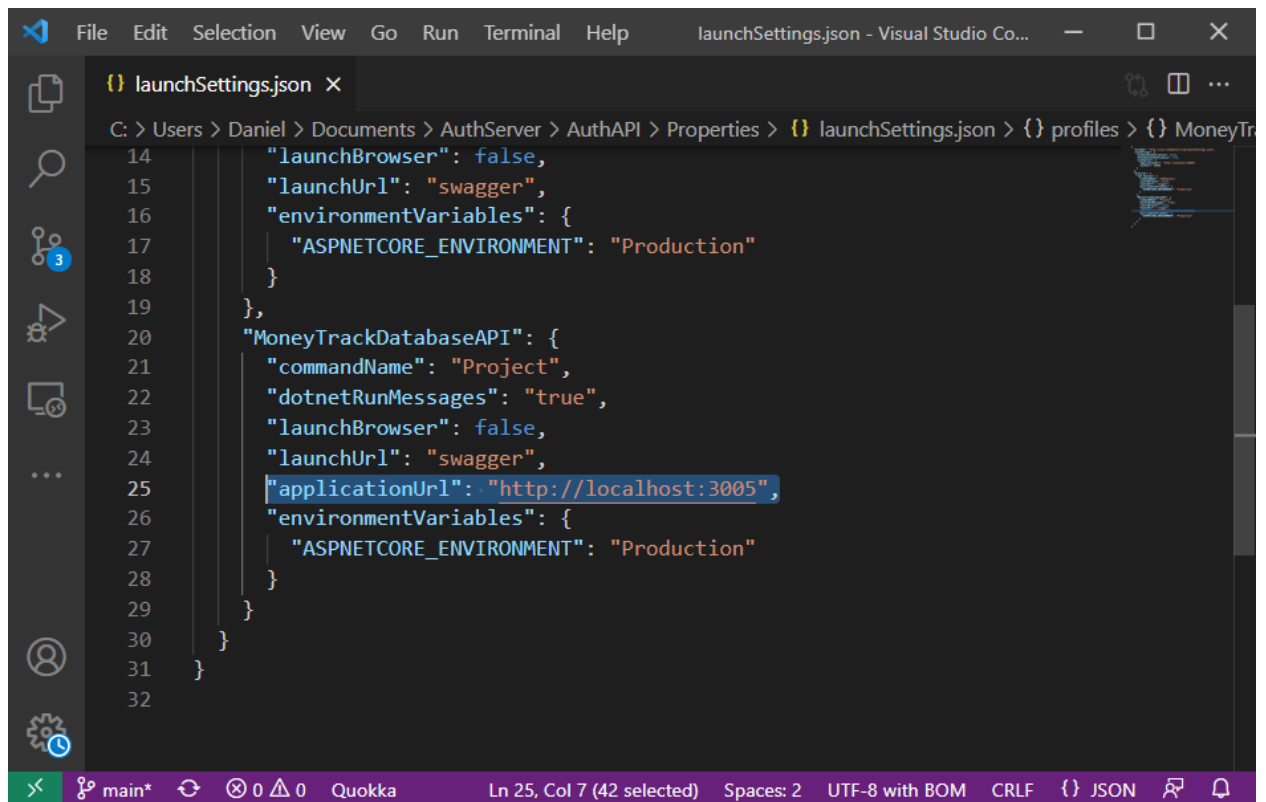
```
Administrator: C:\Windows\system32\cmd.exe
C:\Users\Daniel\Documents\AuthServer\AuthAPI>dotnet ef migrations add Initial
Build started...
Build succeeded.
The Entity Framework tools version '5.0.6' is older than that of the runtime '5.0.8'. Update the tools for the latest features and bug fixes.
Done. To undo this action, use 'ef migrations remove'
```

7. Run command in terminal: “dotnet ef database update”



```
Administrator: C:\Windows\system32\cmd.exe
C:\Users\Daniel\Documents\AuthServer\AuthAPI>dotnet ef database update
Build started...
Build succeeded.
The Entity Framework tools version '5.0.6' is older than that of the runtime '5.0.8'. Update the tools for the latest features and bug fixes.
Applying migration '20211217001607_Initial'.
Done.
C:\Users\Daniel\Documents\AuthServer\AuthAPI>
```

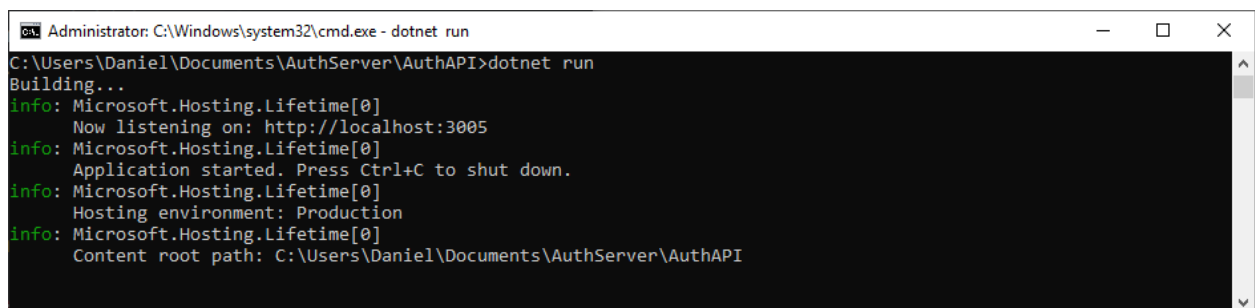
8. (Optional) Change port number in



```
14      "launchBrowser": false,
15      "launchUrl": "swagger",
16      "environmentVariables": {
17        "ASPNETCORE_ENVIRONMENT": "Production"
18      }
19    },
20    "MoneyTrackDatabaseAPI": {
21      "commandName": "Project",
22      "dotnetRunMessages": "true",
23      "launchBrowser": false,
24      "launchUrl": "swagger",
25      "applicationUrl": "http://localhost:3005",
26      "environmentVariables": {
27        "ASPNETCORE_ENVIRONMENT": "Production"
28      }
29    }
30  }
31 }
32 }
```

“Authserver\AuthAPI\Properties\launchSettings.json”

9. Run command in terminal: “dotnet run”



```
Administrator: C:\Windows\system32\cmd.exe - dotnet run
C:\Users\Daniel\Documents\AuthServer\AuthAPI>dotnet run
Building...
info: Microsoft.Hosting.Lifetime[0]
      Now listening on: http://localhost:3005
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Production
info: Microsoft.Hosting.Lifetime[0]
      Content root path: C:\Users\Daniel\Documents\AuthServer\AuthAPI
```

10. Done. Server is live at localhost:3005 (default)

For the end user (Android client)

1. Download latest release apk file from [GitHub](#)
2. Install downloaded file.
3. (Optional) Check out the user manual.