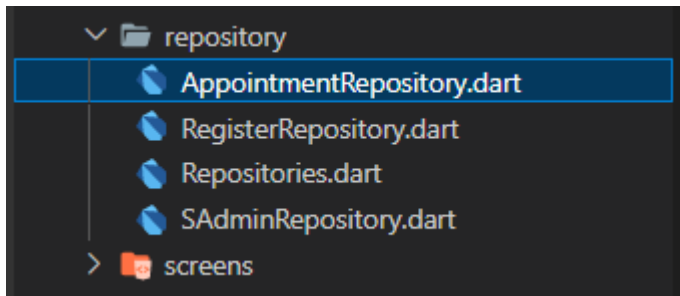


Using Docker to build and deploy our application:

Making sure the Docker app is open on the system, right click on our project code folder("A1") and open in the terminal, entering the command "docker-compose up". This will ensure that Docker starts to build and run the project for us without the need to run our applications on our IDEs.

Simulators/Emulators:

Navigate to **A1/Frontend/neighbourhood_doctors/lib/repository** to see:



Inside **each** of these files (Except Repositories.dart), you will come across 2 URLs for either an **Android** or an **IOS** simulator.

If you are using an **IOS** simulator:

```
1  import 'package:neighborhood_doctors/data/doctor.dart';
2  import 'package:http/http.dart' as http;
3  import 'dart:convert';
4
5  class AppointmentRepository {
6
7      // Change this for android and ios devices --
8      // Uncomment First one if u are using android and comment the one below
9      // If on Apple machine comment the first one out and uncomment the second one
10
11      // IOS Url
12      // final String dataURL = 'http://localhost:8080/appointment';
13      // Android uses alias for local host as below
14
15      final String dataURL = 'http://10.0.2.2:8080/appointment';
16
```

Uncomment line 12 and comment out line 15

If you are using an **Android** simulator:

```
1  import 'package:neighborhood_doctors/data/doctor.dart';
2  import 'package:http/http.dart' as http;
3  import 'dart:convert';
4
5  class AppointmentRepository {
6
7      // Change this for android and ios devices --
8      // Uncomment First one if u are using android and comment the one below
9      // If on Apple machine comment the first one out and uncomment the second one
10
11      // IOS Url
12      // final String dataURL = 'http://localhost:8080/appointment';
13      // Android uses alias for local host as below
14
15      final String dataURL = 'http://10.0.2.2:8080/appointment';
16
```

Make sure line 15 is the URL uncommented before running the application.

For running our patient dashboard (Using the IDE?):

Navigate to **A1/Frontend/neighbourhood_doctors/lib/main.dart** and run the current uncommented code.

For running our DoctorsAdminScreen:

Navigate to **A1/Frontend/neighbourhood_doctors/lib/main.dart** and run comment the first app and uncomment lines 83-85 and run the application

```
80
81 // Comment out top runApp and uncomment DoctorsSAdminScreen to test Super Admin functionality and then uncomment PrescriptionScreen to test Prescriptions
82
83 // runApp(MaterialApp(
84 //   debugShowCheckedModeBanner: false,
85 //   home: DoctorsSAdminScreen(),
86 //   home: PrescriptionScreen(),
87 // ));
88
89
90
91
92
```

For running our Prescription Screen:

Navigate to **A1/Frontend/neighbourhood_doctors/lib/main.dart** and run comment the first app and uncomment lines 83,84,86-88) and run the application