



(Company No. 101067-P)

الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يُونِيسَيتِي إِسْلَامِيّ أَنْتَارَا بَغْسِيَا مَلِيسِيَا

Garden of Knowledge and Virtue

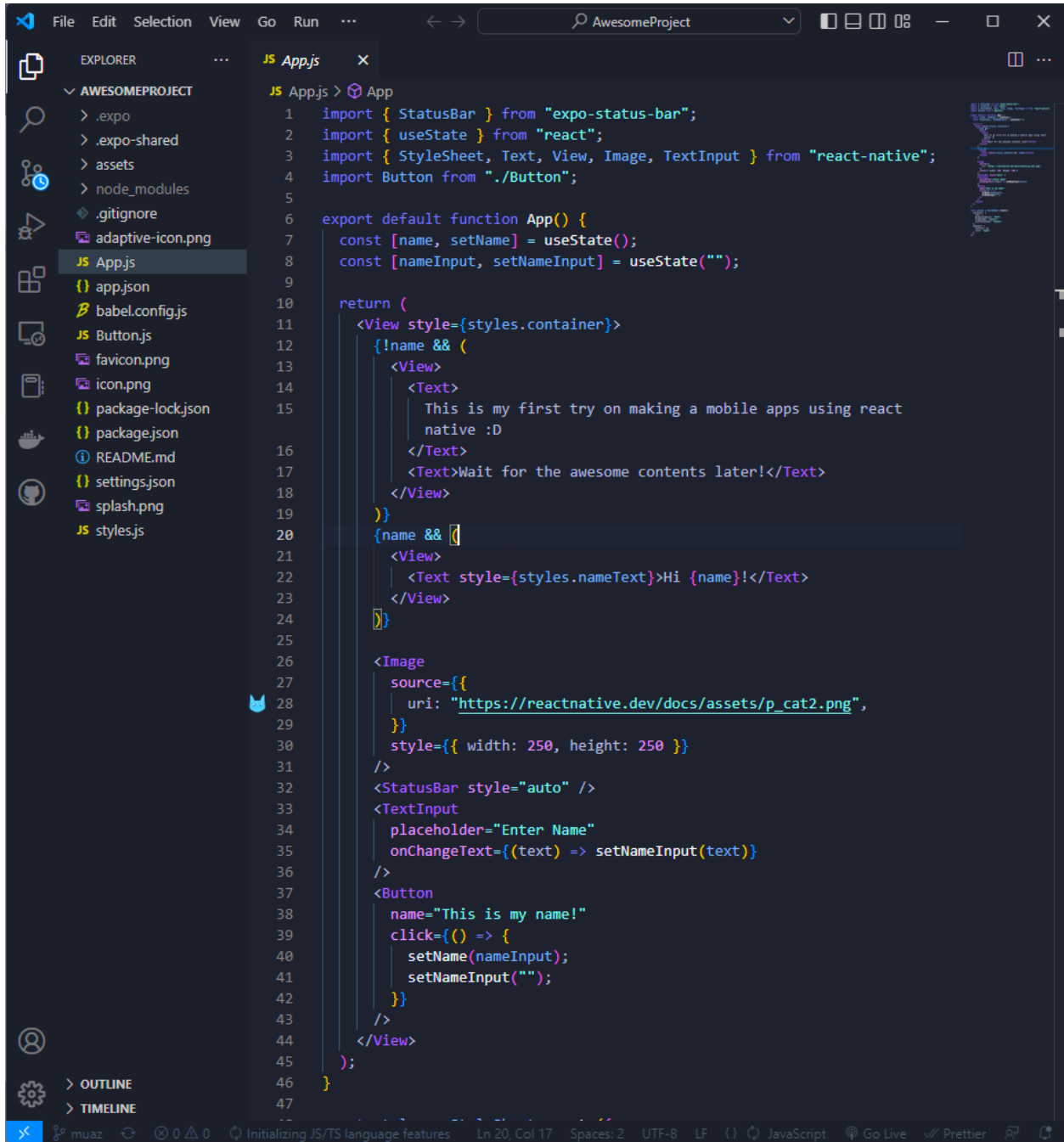
Assignment 01

MOBILE APPLICATION DEVELOPMENT

ECIE 4352 | SECTION 1

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```
1 import { StatusBar } from "expo-status-bar";
2 import { useState } from "react";
3 import { StyleSheet, Text, View, Image, TextInput } from "react-native";
4 import Button from "./Button";
5
6 export default function App() {
7   const [name, setName] = useState("");
8   const [nameInput, setNameInput] = useState("");
9
10  return (
11    <View style={styles.container}>
12      <Text>
13        This is my first try on making a mobile apps using react
14        native :D
15      </Text>
16      <Text>Wait for the awesome contents later!</Text>
17    </View>
18  )
19
20  <Image
21    source={{
22      uri: "https://reactnative.dev/docs/assets/p_cat2.png",
23    }}
24    style={{ width: 250, height: 250 }}
25  />
26
27  <Statusbar style="auto" />
28  <Textinput
29    placeholder="Enter Name"
30    onChangeText={(text) => setNameInput(text)}
31  />
32
33  <Button
34    name="This is my name!"
35    click={() => {
36      setName(nameInput);
37      setNameInput("");
38    }}
39  />
40
41 </View>
42 );
43
44 };
```

Figure 1

Figure 1 shows the app.js file that's been edited. We had successfully created a new project using npm and expo. We added some personalization such texts and picture to make our first app look interesting rather than using the basic template.


```
C:\WINDOWS\system32\cmd. X + | v
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\idmua> cd '..\Desktop\Final Sem\ECIE 4352 - Mobile App Development\Assignment 1\'
PS C:\Users\idmua\Desktop\Final Sem\ECIE 4352 - Mobile App Development\Assignment 1> cd ..\AwesomeProject\
PS C:\Users\idmua\Desktop\Final Sem\ECIE 4352 - Mobile App Development\Assignment 1\AwesomeProject> npm start

> awesomeproject@1.0.0 start
> expo start

Starting project at C:\Users\idmua\Desktop\Final Sem\ECIE 4352 - Mobile App Development\Assignment 1\AwesomeProject
Starting Metro Bundler



> Metro waiting on exp://10.121.229.244:19000
> Scan the QR code above with Expo Go (Android) or the Camera app (iOS)

> Press a | open Android
> Press w | open web

> Press r | reload app
> Press m | toggle menu

> Press ? | show all commands

Logs for your project will appear below. Press Ctrl+C to exit.
```

Figure 2


Figure 2 shows the windows powershell. NPM is used to start the program and expo is used to easily see live simulation of the program.

```
Windows PowerShell

> Press r | reload app
> Press m | toggle menu

> Press ? | show all commands

Logs for your project will appear below. Press Ctrl+C to exit.
Starting Webpack on port 19006 in development mode.
!! [wds]: transportMode is an experimental option, meaning its usage could potentially change without warning



> Metro waiting on exp://10.121.229.244:19000
> Scan the QR code above with Expo Go (Android) or the Camera app (iOS)

> Web is waiting on http://localhost:19006

> Press a | open Android
> Press w | open web

> Press r | reload app
> Press m | toggle menu

> Press ? | show all commands

> Open in the web browser...
> Press ? | show all commands
```

Figure 3

Figure 3 shows that expo is running the program using chrome at <http://localhost:19006>.

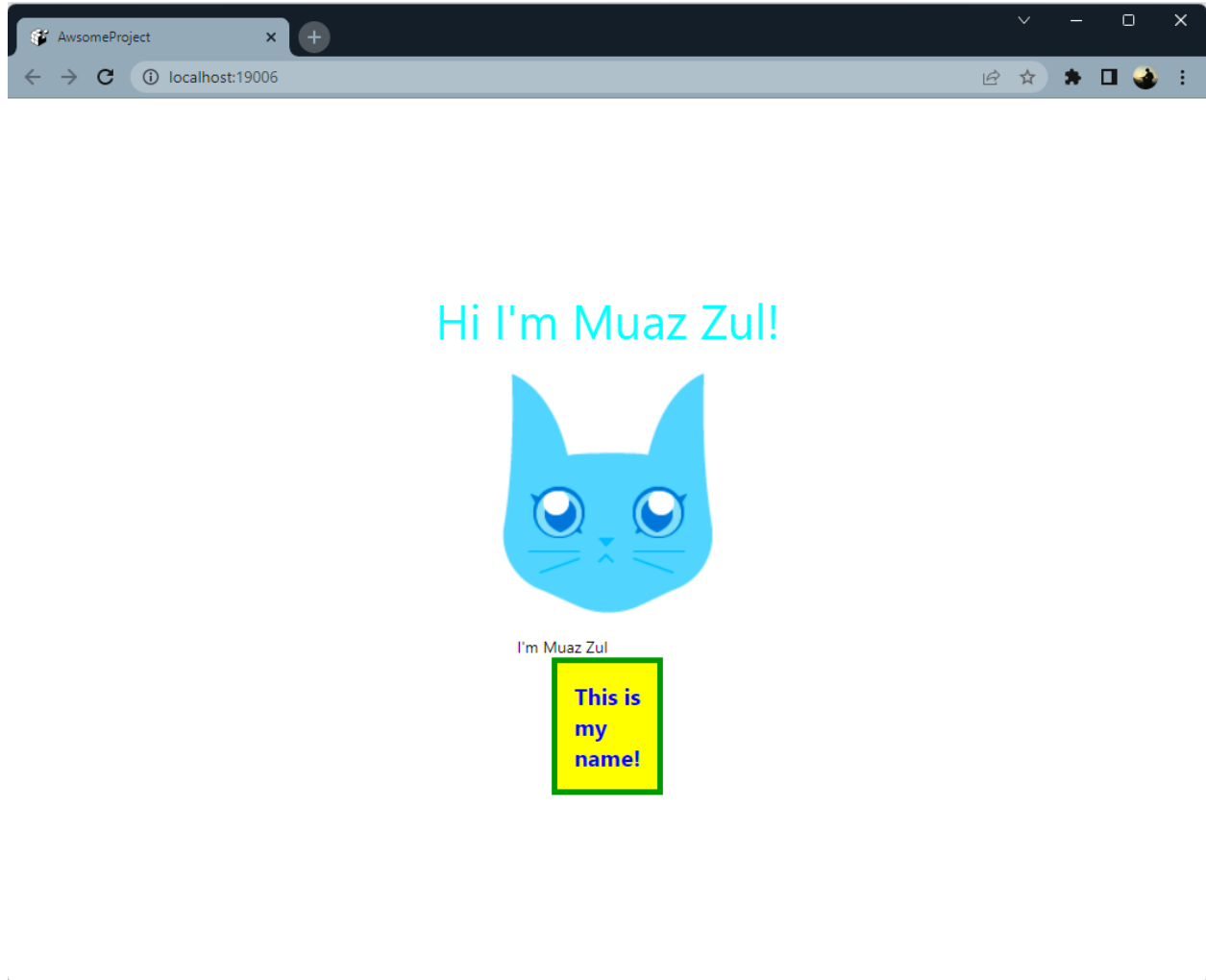


Figure 4

Figure 4 shows the mobile app created using react native. We added some modification to the template of the react native get started. Some additions are text-input, button and image of the cat.

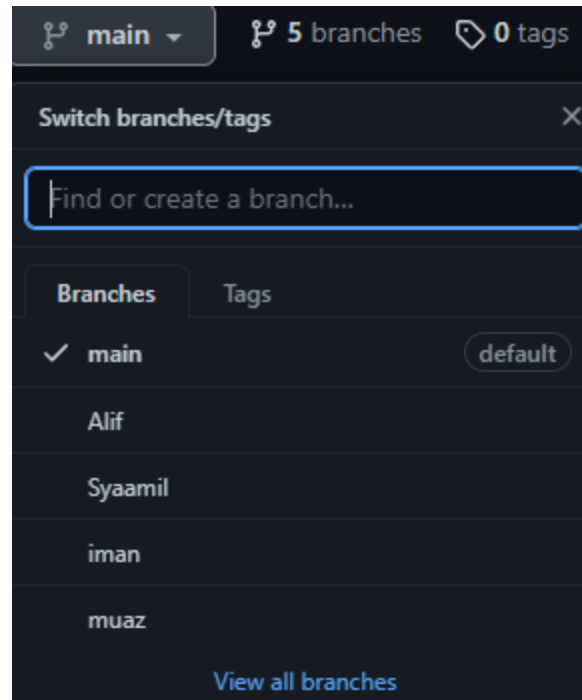


Figure 5

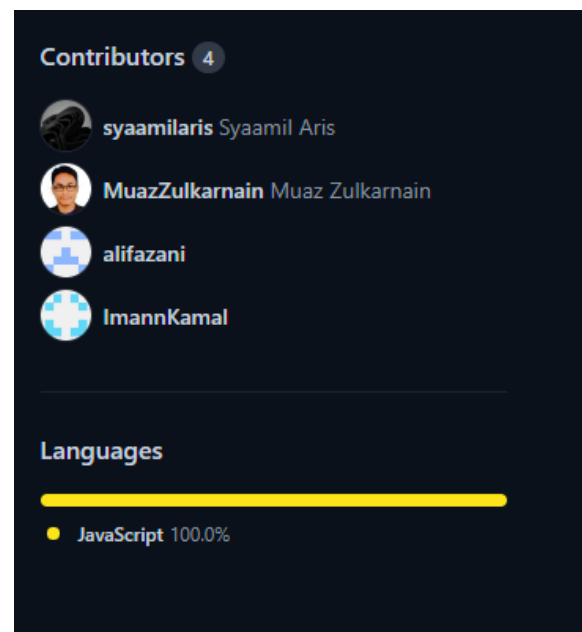


Figure 6

Figure 5 shows all of the branches created using git source control in VS Code. Each branch is contributed by different members of the group.

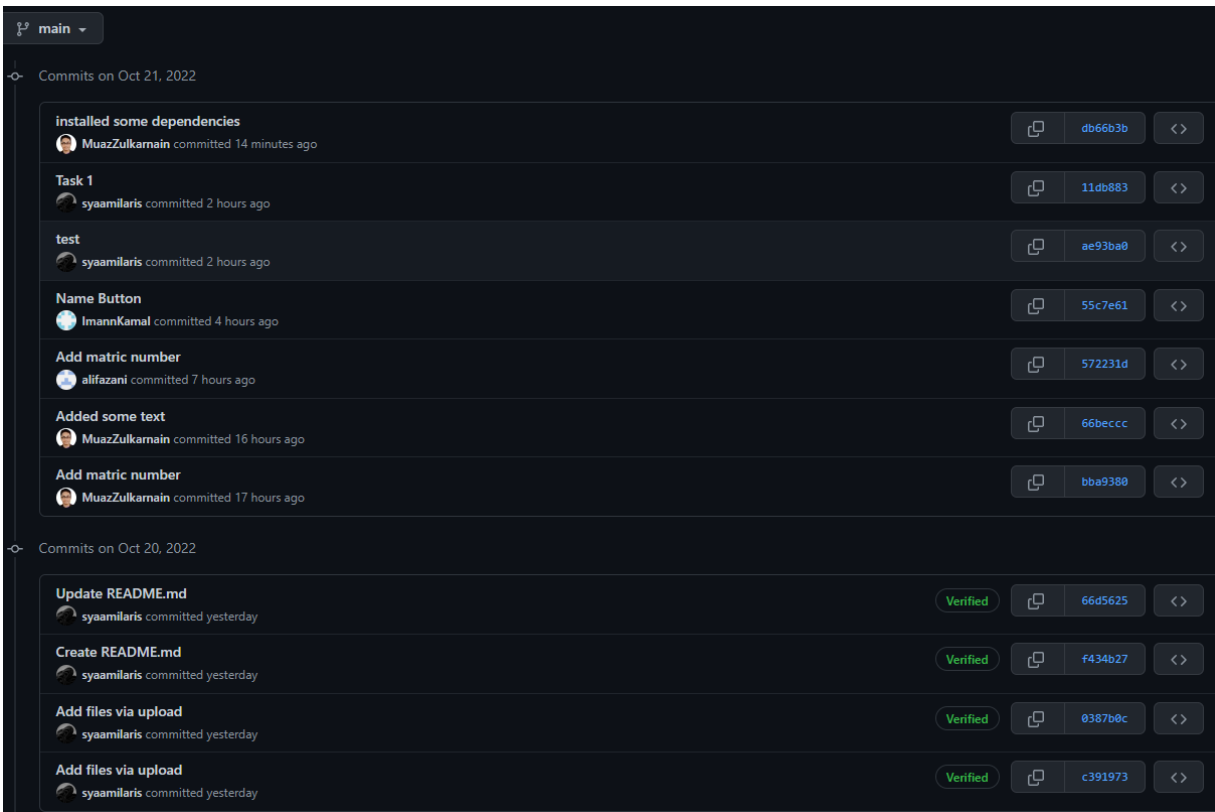


Figure 7

Figure 7 shows all of the commits of the project. Every member contributed and familiarized themselves with using git source control using VS Code and Github.

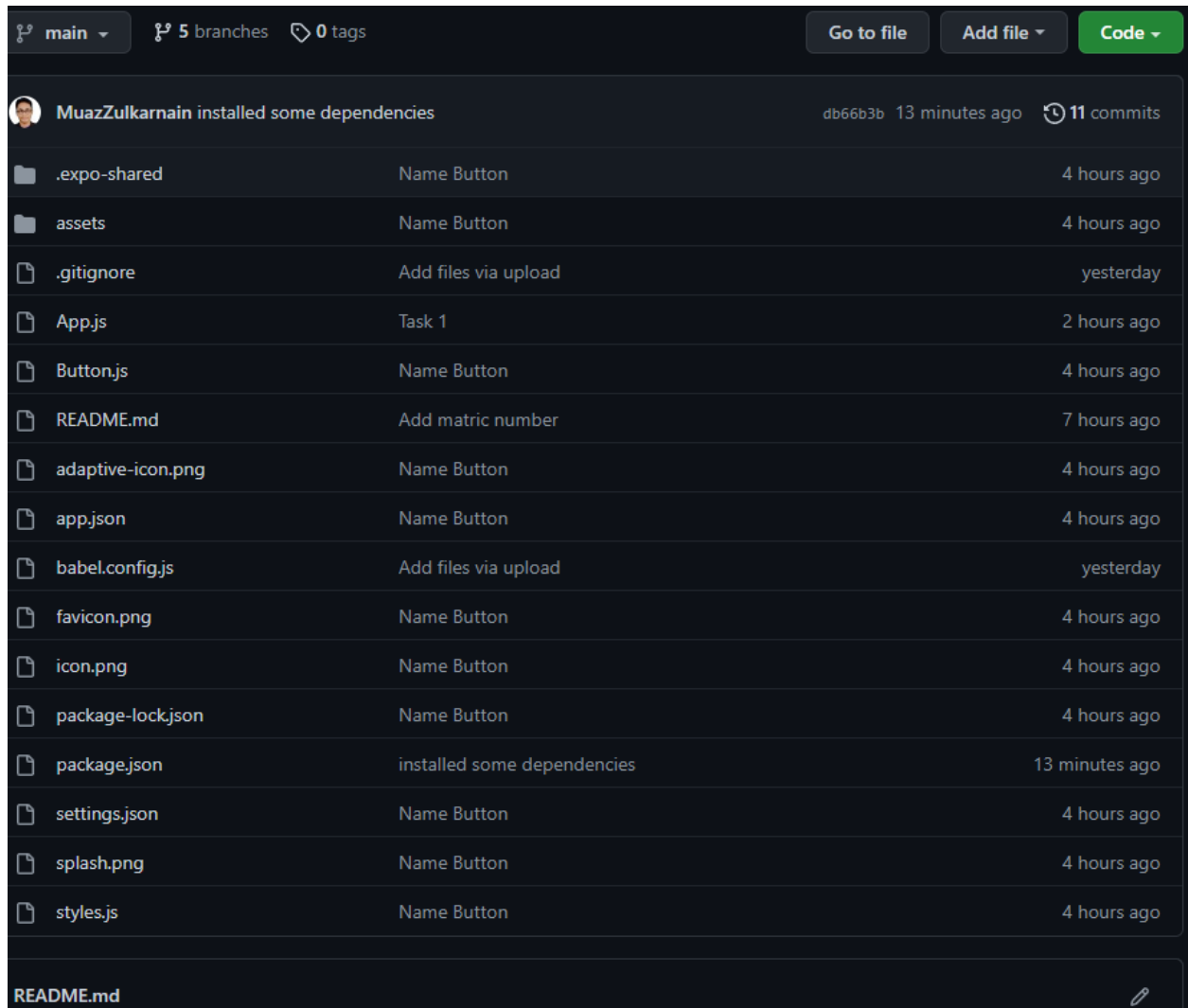


Figure 8

Figure 8 shows all the file available inside the AwesomeProject folder. The link for the github project is

<https://github.com/syaamilaris/AwesomeProject.git>

References

<https://nodejs.org/en/>

<https://reactnative.dev/docs/environment-setup>

<https://code.visualstudio.com/docs/sourcecontrol/overview>