INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

Garden of Knowledge and Virtue

(Company No. 101067-P)

Assignment 4
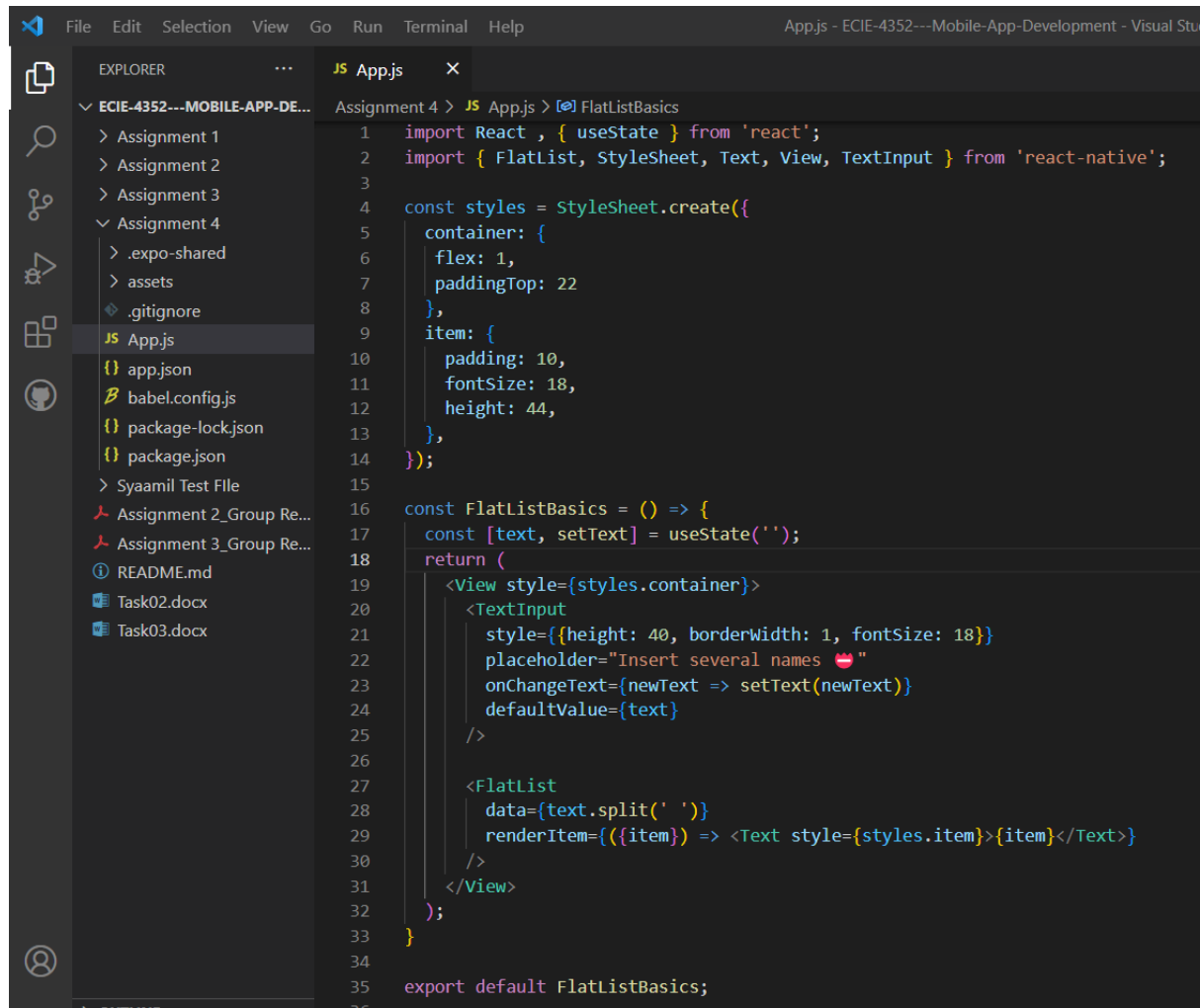
MOBILE APPLICATION DEVELOPMENT

ECIE 4352 | SECTION 1

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Figure 1 below shows the codes for our Assignment 4 in the App.js. We learned to handle input text and use a list view. For this assignment, the text that is input into the placeholder will be rendered into a flat list. Each ' ' space will separate the names or data and be displayed in different lines.


```js
import React , { useState } from 'react';
import { FlatList, StyleSheet, Text, View, TextInput } from 'react-native';

const styles = StyleSheet.create({
  container: {
    flex: 1,
    paddingTop: 22
  },
  item: {
    padding: 10,
    fontSize: 18,
    height: 44,
  },
});

const FlatListBasics = () => {
  const [text, setText] = useState('');
  return (
    <View style={styles.container}>
      <TextInput
        style={{height: 40, borderWidth: 1, fontSize: 18}}
        placeholder="Insert several names 😡"
        onChangeText={newText => setText(newText)}
        defaultValue={text}
      />

      <FlatList
        data={text.split(' ')}
        renderItem={({item}) => <Text style={styles.item}>{item}</Text>}
      />
    </View>
  );
}

export default FlatListBasics;
```

Figure 1

Figure 2 below shows the expo in the terminal used to open a web app.

Figure 2

Figure 3 below shows the history of commits by our team members in the github.
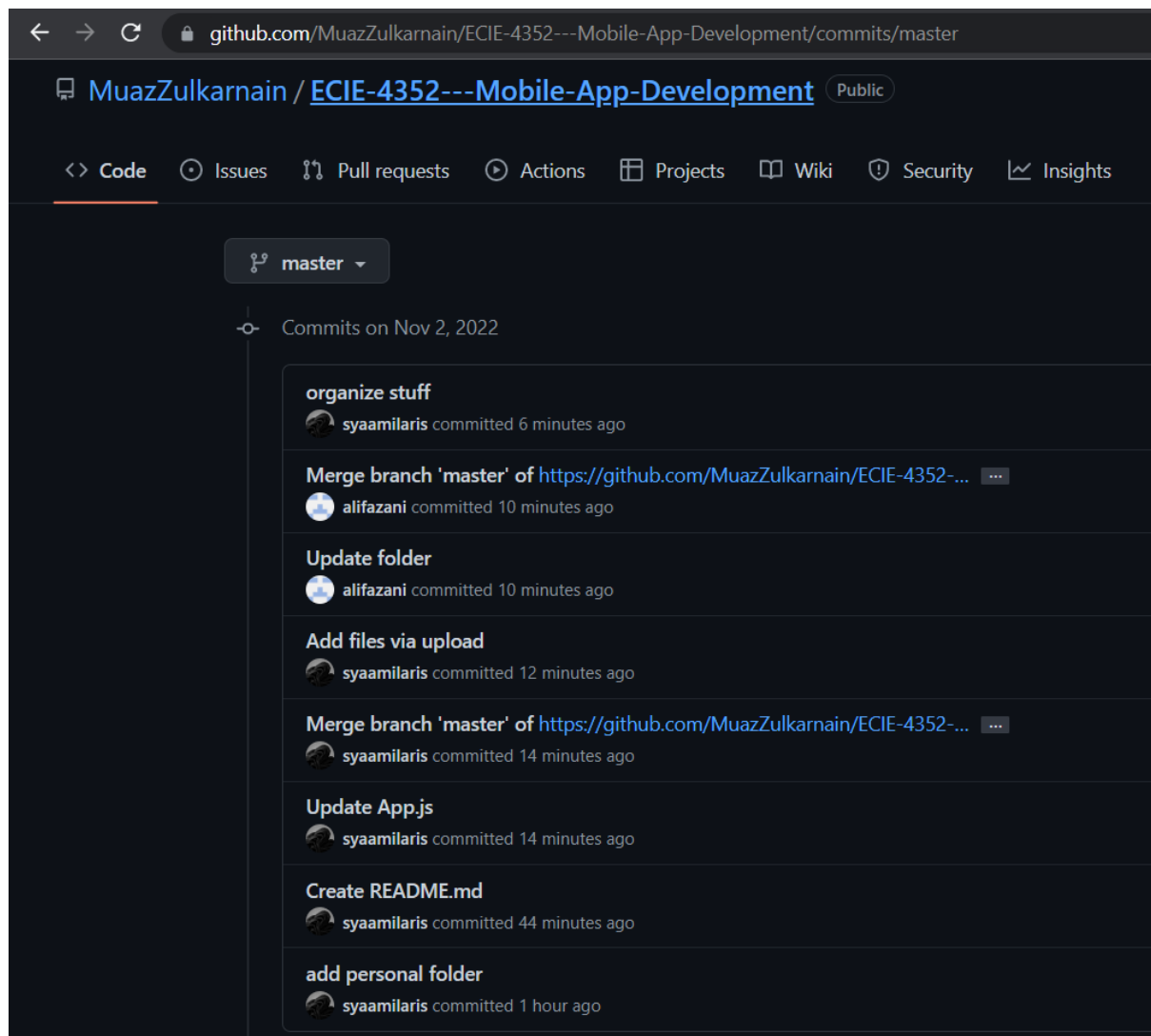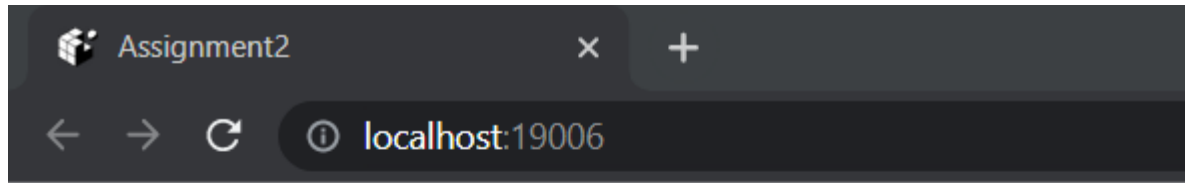

Figure 3

Figure 4 below shows the web app created using react native and ran on the local host with expo.

Figure 4