



UNIVERSITI MALAYSIA TERENGGANU

Faculty Of Computer Sciences and Mathematics

Front End Programming

CSM3103

Lab Report 2

Prepared by:

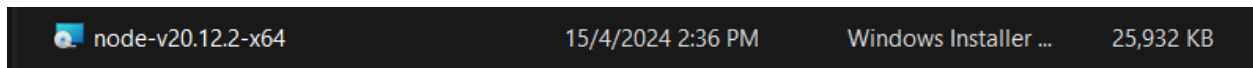
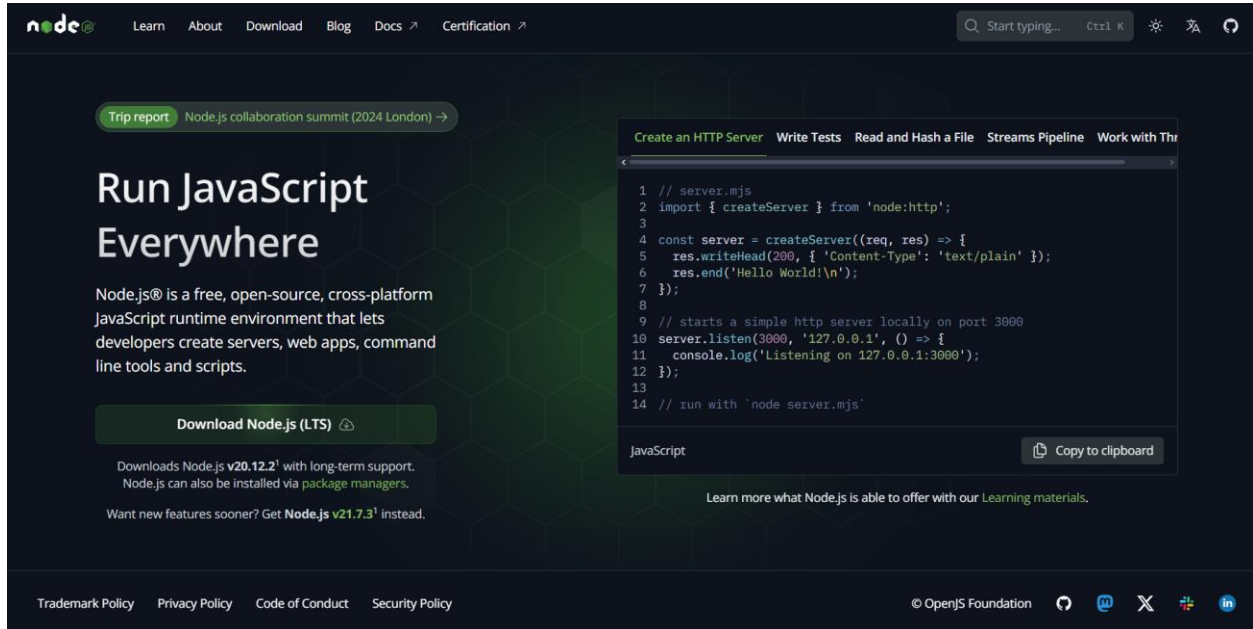
Muhammad Imran Bin Abd Hamid (S66803)

Bachelor of Computer Science (Mobile Computing) with Honors.

Sem 2 2023/2024

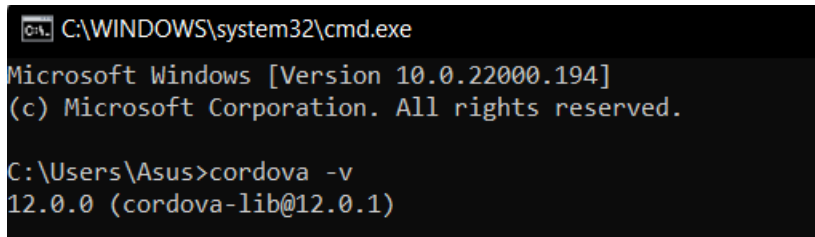
Task 1 – Setup and configure Apache cordova on your desktop/laptop

1.Install node.js and add it at environment variables.



2.Install cordova

3.Verify cordova installation cordova -v



Task 2 – Your First Apache Cordova Application

```
Windows PowerShell
Microsoft Windows [Version 10.0.22000.194]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Asus>cd Desktop

C:\Users\Asus\Desktop>mkdir cordovaProject
A subdirectory or file cordovaProject already exists.

C:\Users\Asus\Desktop>cd cordovaProject

C:\Users\Asus\Desktop\cordovaProject>cordova create Task2Hello io.csm3103.lab2 Task2
Creating a new cordova project.

C:\Users\Asus\Desktop\cordovaProject>cd Task2Hello

C:\Users\Asus\Desktop\cordovaProject\Task2Hello>cordova platform add browser
Using cordova-fetch for cordova-browser
Adding browser project...
Creating Cordova project for cordova-browser:
  Path: C:\Users\Asus\Desktop\cordovaProject\Task2Hello\platforms\browser
  Name: Task2

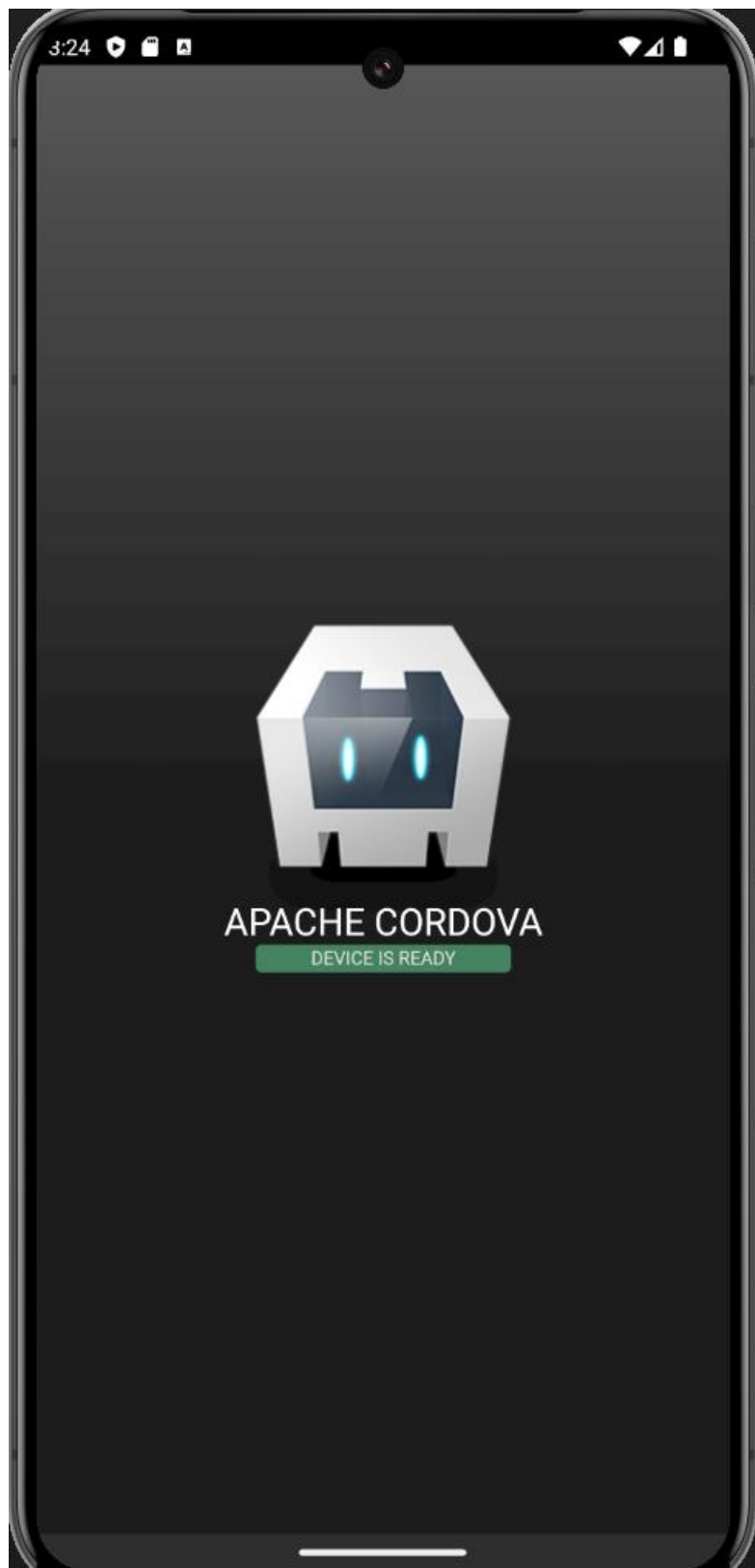
C:\Users\Asus\Desktop\cordovaProject\Task2Hello>Cordova platform add browser
Using cordova-fetch for cordova-browser@7.0.0
Platform browser already added.

C:\Users\Asus\Desktop\cordovaProject\Task2Hello>cordova run browser
startPage = index.html
Static file server running @ http://localhost:8000/index.html
CTRL + C to shut down
200 /index.html (gzip)
200 /css/index.css (gzip)
200 /cordova.js (gzip)
200 /img/logo.png
404 /cordova_plugins.js
200 /js/index.js (gzip)
```



APACHE CORDOVA

DEVICE IS READY



Task3 – Simple eventListener in Cordova Project

```
Select Windows PowerShell
Microsoft Windows [Version 10.0.22000.194]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Asus>cd Desktop

C:\Users\Asus\Desktop>mkdir cordovaProject
A subdirectory or file cordovaProject already exists.

C:\Users\Asus\Desktop>cd cordovaProject

C:\Users\Asus\Desktop\cordovaProject>cordova create Task3EventListener io.csm3103.lab2 Task3
Creating a new cordova project.

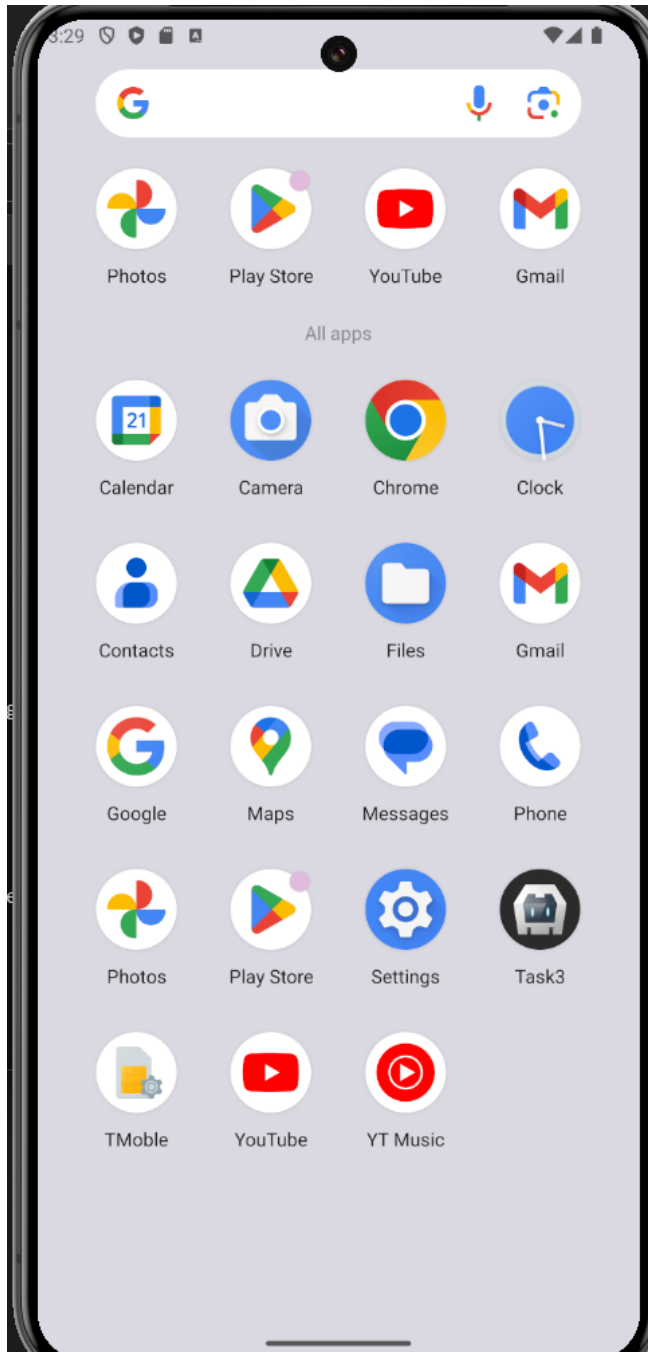
C:\Users\Asus\Desktop\cordovaProject>cd Task3EventListener

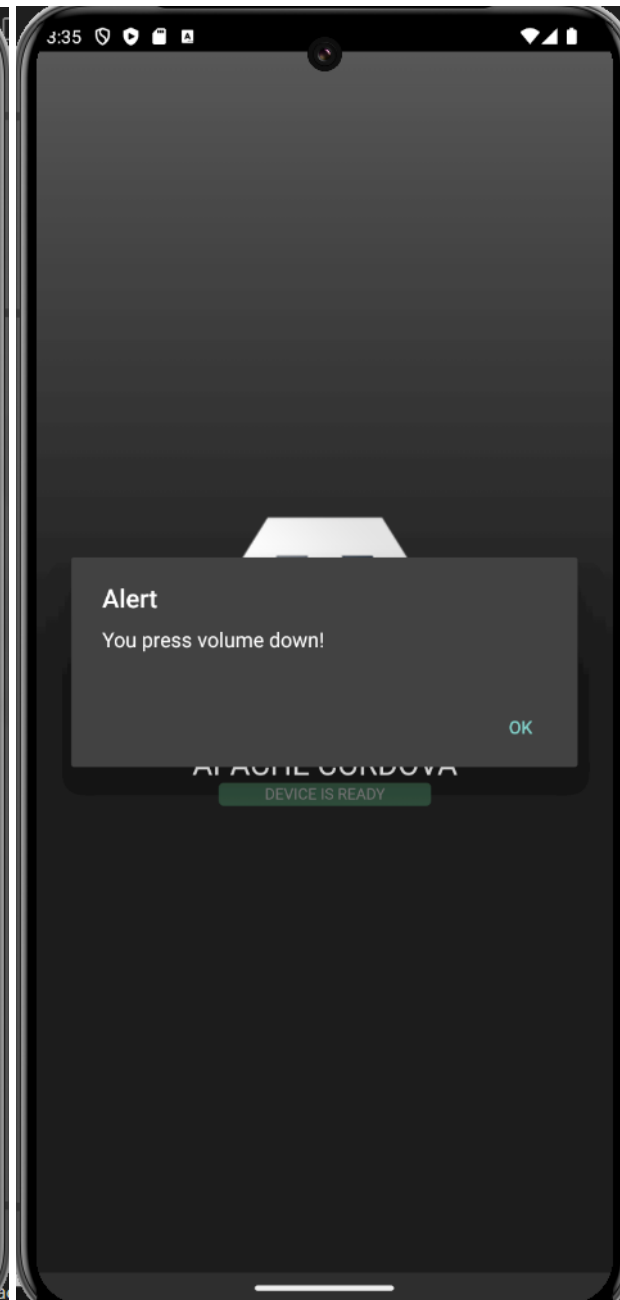
C:\Users\Asus\Desktop\cordovaProject\Task3EventListener>cordova platform add browser
Using cordova-fetch for cordova-browser
Adding browser project...
Creating Cordova project for cordova-browser:
  Path: C:\Users\Asus\Desktop\cordovaProject\Task3EventListener\platforms\browser
  Name: Task3

C:\Users\Asus\Desktop\cordovaProject\Task3EventListener>cordova run browser
startPage = index.html
Static file server running @ http://localhost:8000/index.html
CTRL + C to shut down
304 /index.html
304 /css/index.css
200 /cordova.js (gzip)
304 /img/logo.png
304 /js/index.js
404 /cordova_plugins.js
```



APACHE CORDOVA
DEVICE IS READY





Task 4 – Cordova Plugin use case (Simple Geolocation)

```
Windows PowerShell
Microsoft Windows [Version 10.0.22000.194]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Asus>cd Desktop

C:\Users\Asus\Desktop>mkdir cordovaProject
A subdirectory or file cordovaProject already exists.

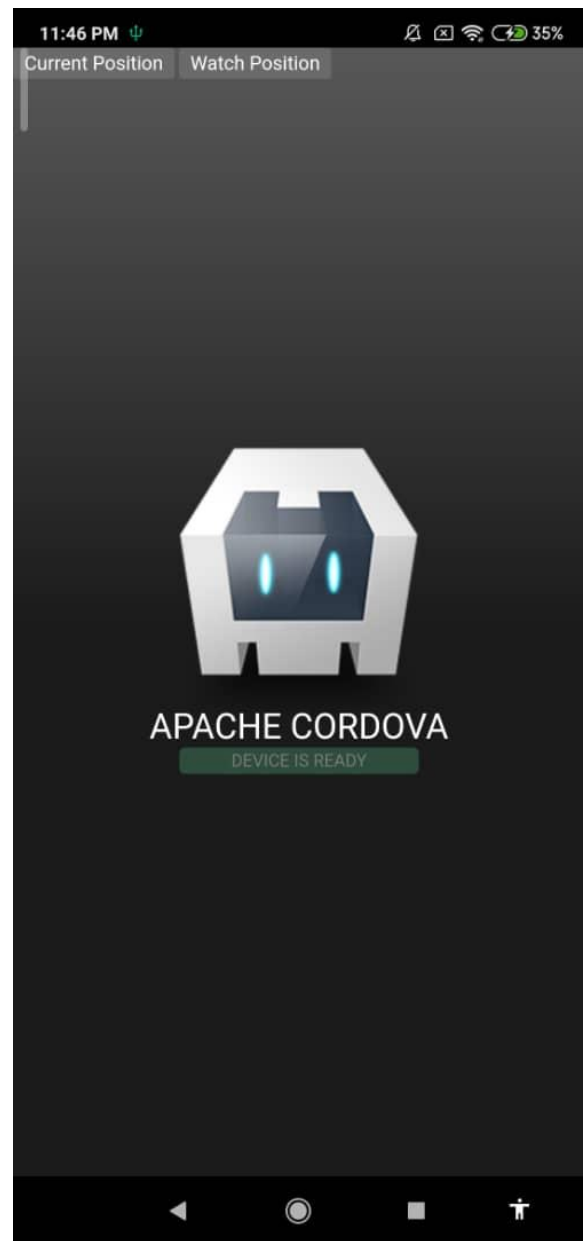
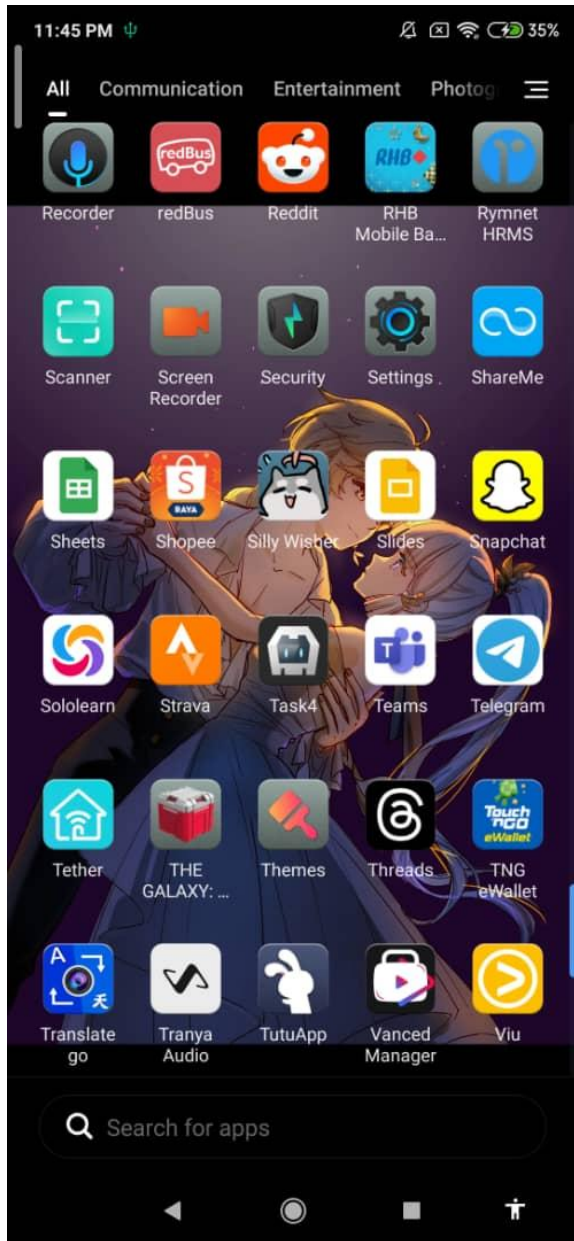
C:\Users\Asus\Desktop>cd cordovaProject

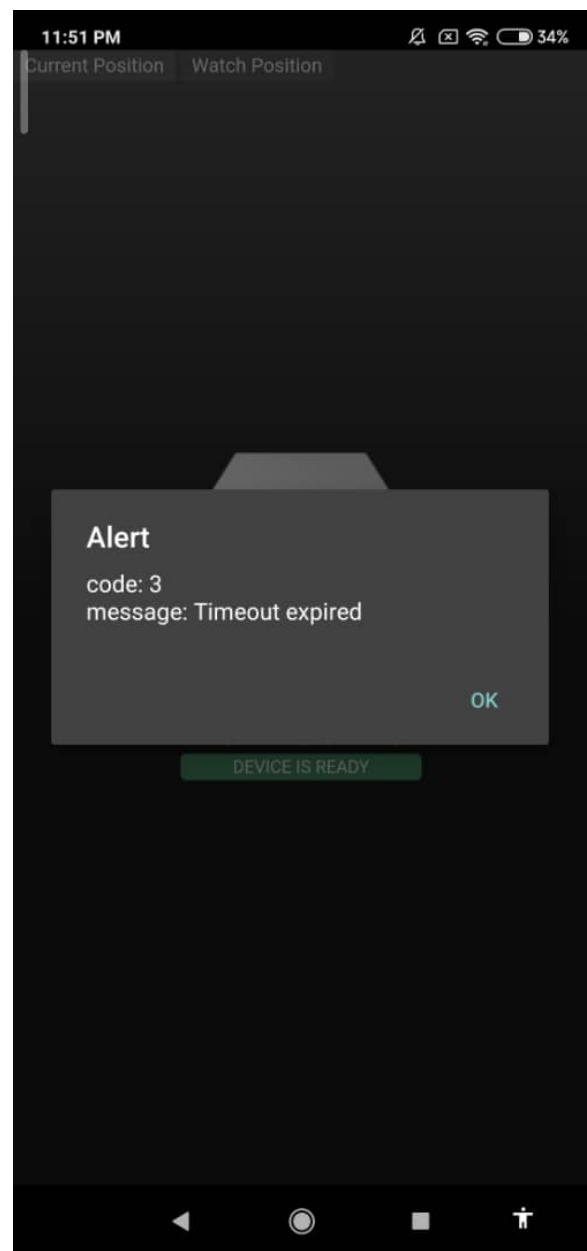
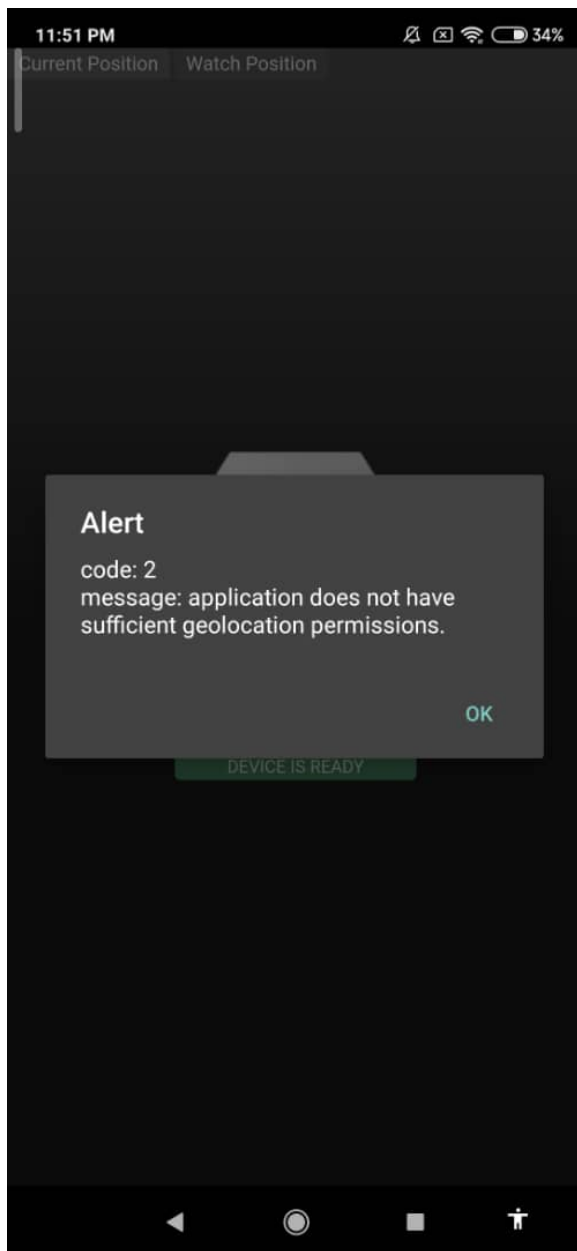
C:\Users\Asus\Desktop\cordovaProject>cordova create Task4Plugin io.csm3103.lab2 Task4
Creating a new cordova project.

C:\Users\Asus\Desktop\cordovaProject>cd Task4Plugin

C:\Users\Asus\Desktop\cordovaProject\Task4Plugin>cordova platform add browser
Using cordova-fetch for cordova-browser
Adding browser project...
Creating Cordova project for cordova-browser:
  Path: C:\Users\Asus\Desktop\cordovaProject\Task4Plugin\platforms\browser
  Name: Task4

C:\Users\Asus\Desktop\cordovaProject\Task4Plugin>cordova run browser
startPage = index.html
Static file server running @ http://localhost:8000/index.html
CTRL + C to shut down
304 /index.html
304 /css/index.css
200 /cordova.js (gzip)
304 /img/logo.png
304 /js/index.js
404 /cordova_plugins.js
```



Link github: <https://github.com/S66803/CSM3103-Front-End->