
User Manual

PARKSPOT



Full stack Solutions: Tari Mautsa

Contents

1	Overview	2
2	System Configuration	2
2.1	Equipment	2
2.2	Communication	2
3	Installation	3
4	Getting Started and Using the System	4
4.1	Getting Started with the Mobile app on Android	4
4.2	Getting Started with the Web Application	4
5	Troubleshooting	9
5.1	Mobile application	9
5.2	Progressive Web Application	10

1 Overview

Quite a number of motorists face the challenge of securing a parking spot once they arrive at a parking lot. This results in the motorists wasting time, energy and fuel trying to locate a parking space which may make one late for a commitment.

ParkSpot is an application developed for motorists to assist them in searching for available parking spots when they then arrive or enter into the vicinity of a parking lot, saving the motorist time, energy, fuel and ensuring they get to their destination in time. In the **Getting Started Section** is where the detailed and visual description of how ParkSpot Works.

2 System Configuration

2.1 Equipment

- **Mobile Devices (Android and IOS)**

This Application is available and accessible on both mobile platforms. Simply download the app on the phone from respective app stores.

- **Tablets and Ipad Devices**

This application is available and accessible through the web by launching it at www.parkSpot.co.za or by downloading the app from the respective app stores. Google PlayStore for Android devices and Apple AppStore for IOS devices .

- **Desktop Computers**

ParkSpot is also a progressive web application meaning it is available and accessible from the internet through any web browser by launching www.parkSpot.co.za

2.2 Communication

- ParkSpot communicates with Google Maps API for the displaying of map and location of a user.
- Park Spot communicates with Google Places API for user location purposes, discovery of nearby events as well as location of the parked vehicle.

- ParkSpot communicates with Google Directions API for navigation purposes, navigating to a parking spot once one has been found.

3 Installation

- **ParkSpot Android App**

To access the parkSpot app with an android device, user has to go to google Play Store, search for ParkSpot and select install. Once the mobile installation is complete, user can launch the app and use.

- **ParkSpot IOS App**

To access the parkSpot app with an IOS device, user has to go to Apple AppStore, search for ParkSpot and select install. Once the mobile installation is complete, user can launch the app and use.

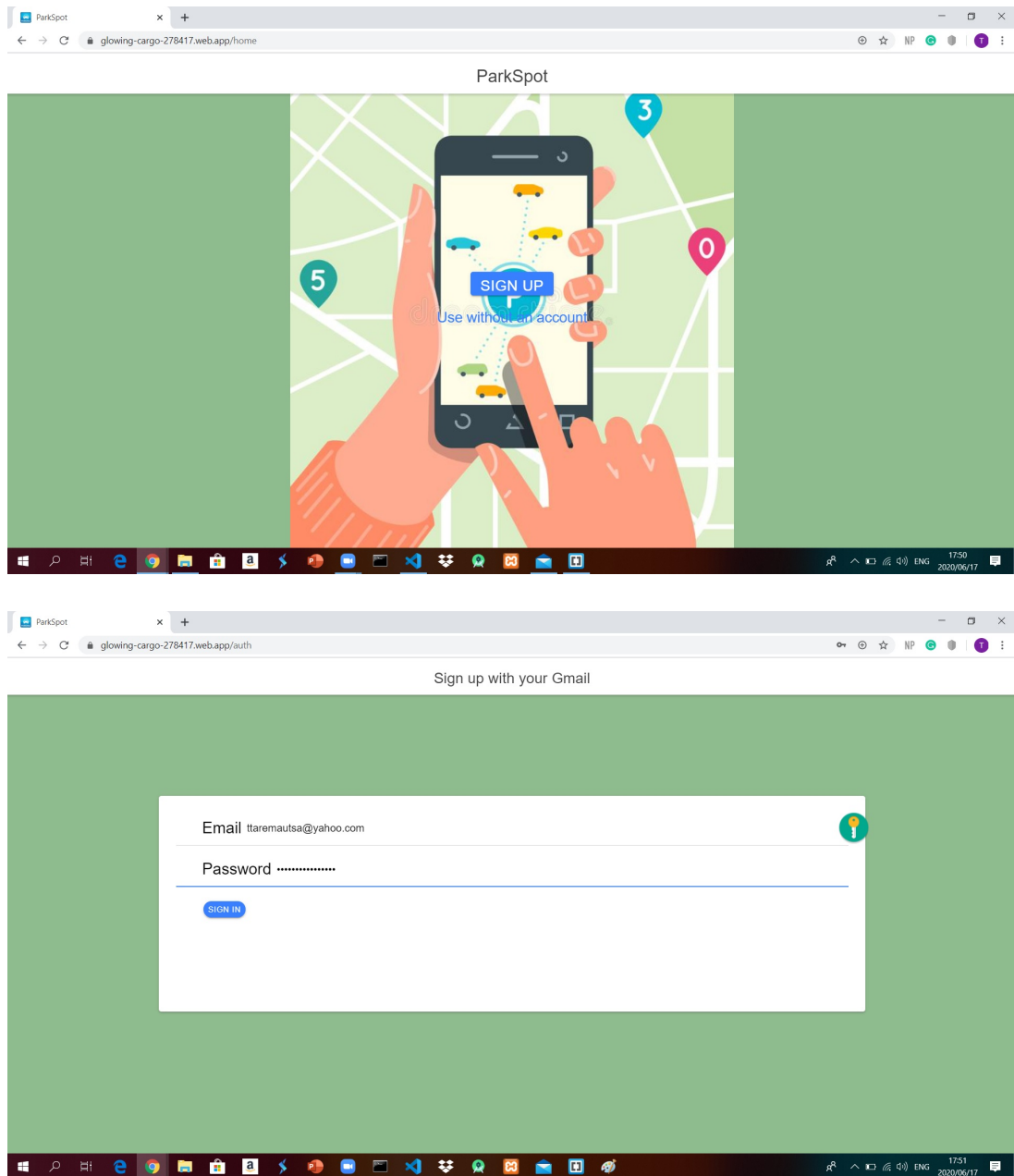
- **ParkSpot Web Application**

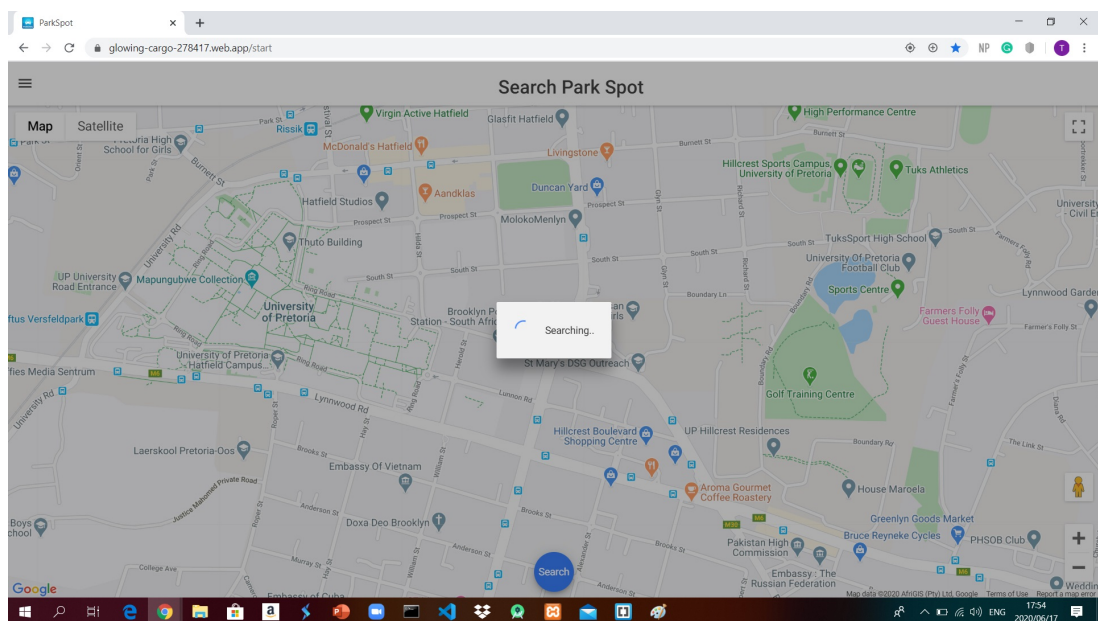
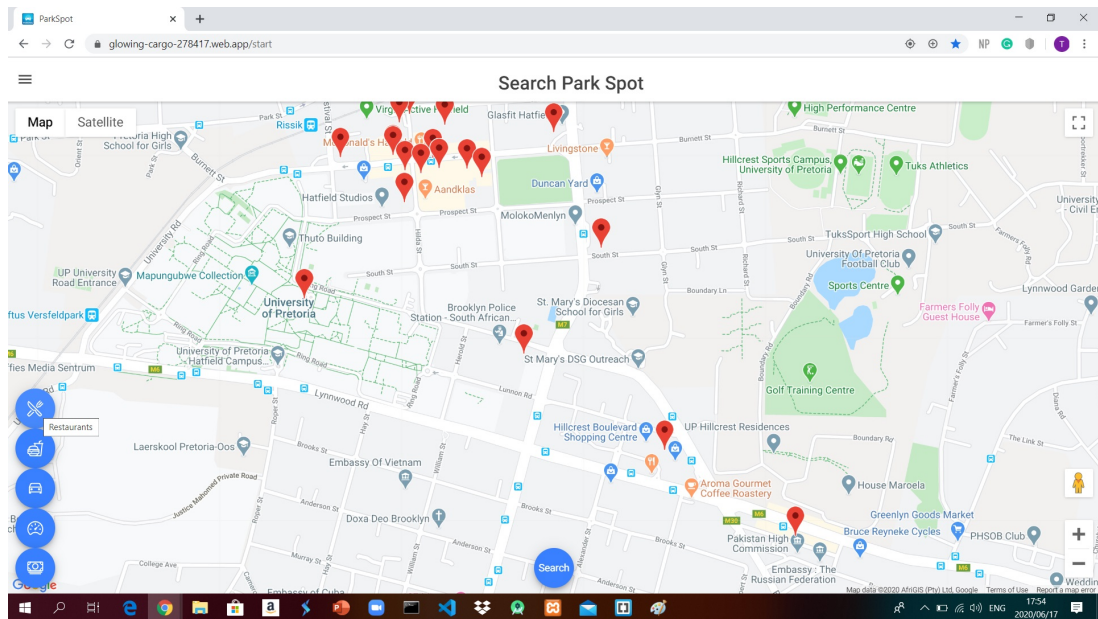
To access parkSpot web application, simply open any web browser of your choice, ensure you have an internet connection then launch www.parkSpot.co.za. Once the web application is open, user can begin using the app.

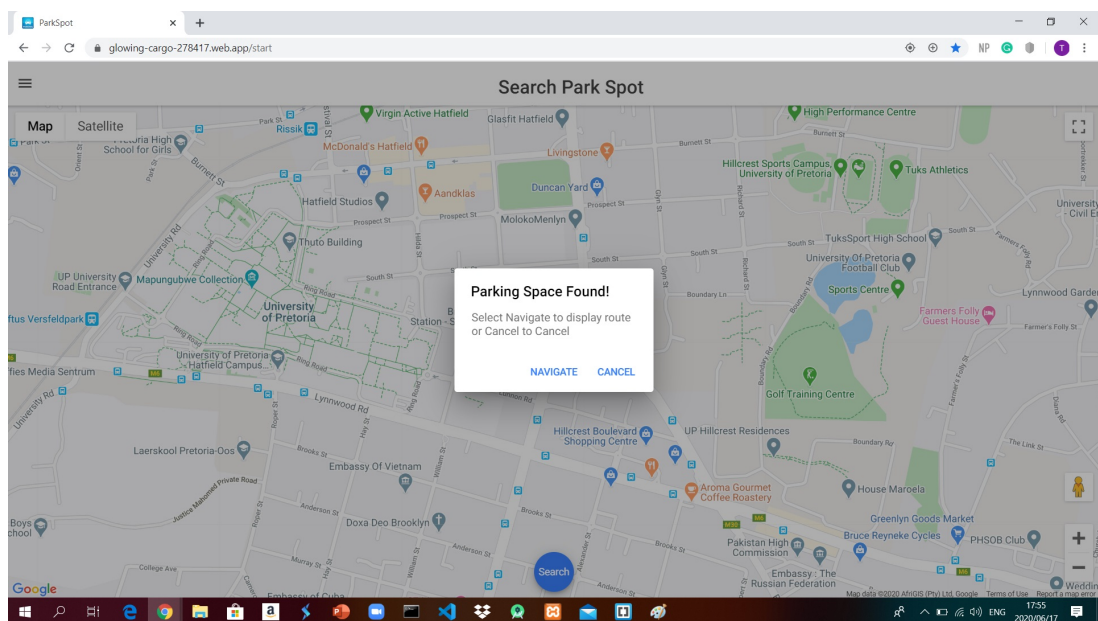
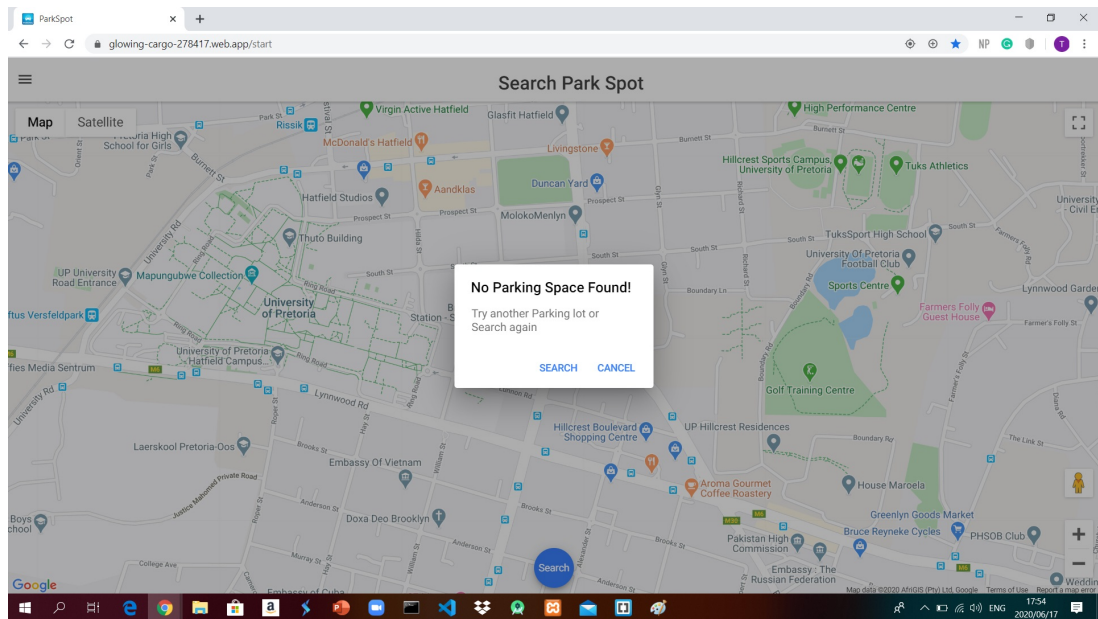
4 Getting Started and Using the System

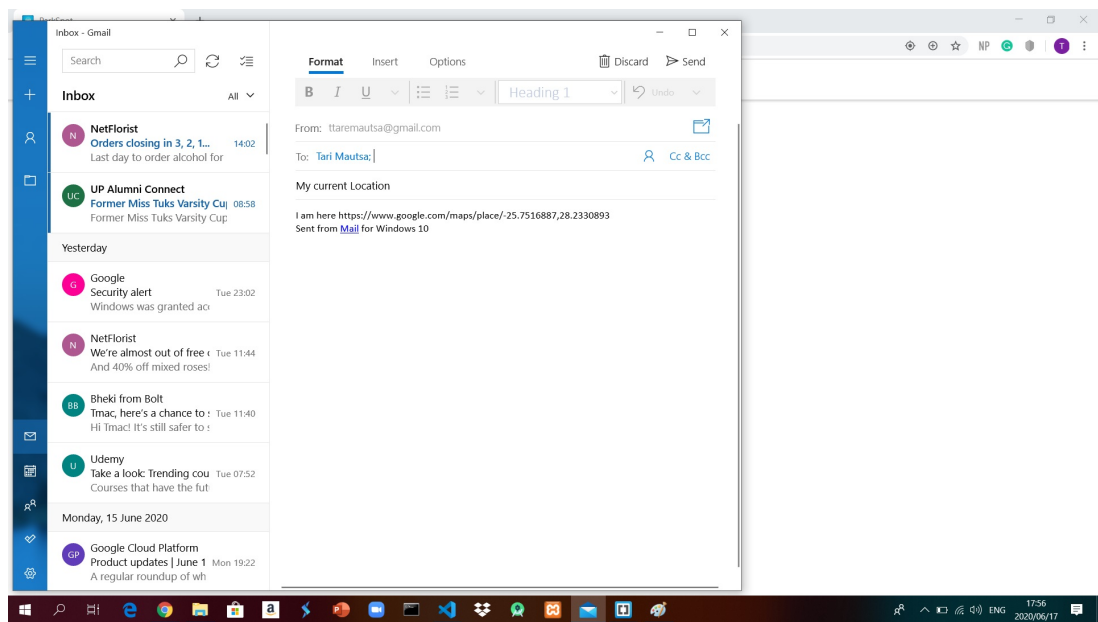
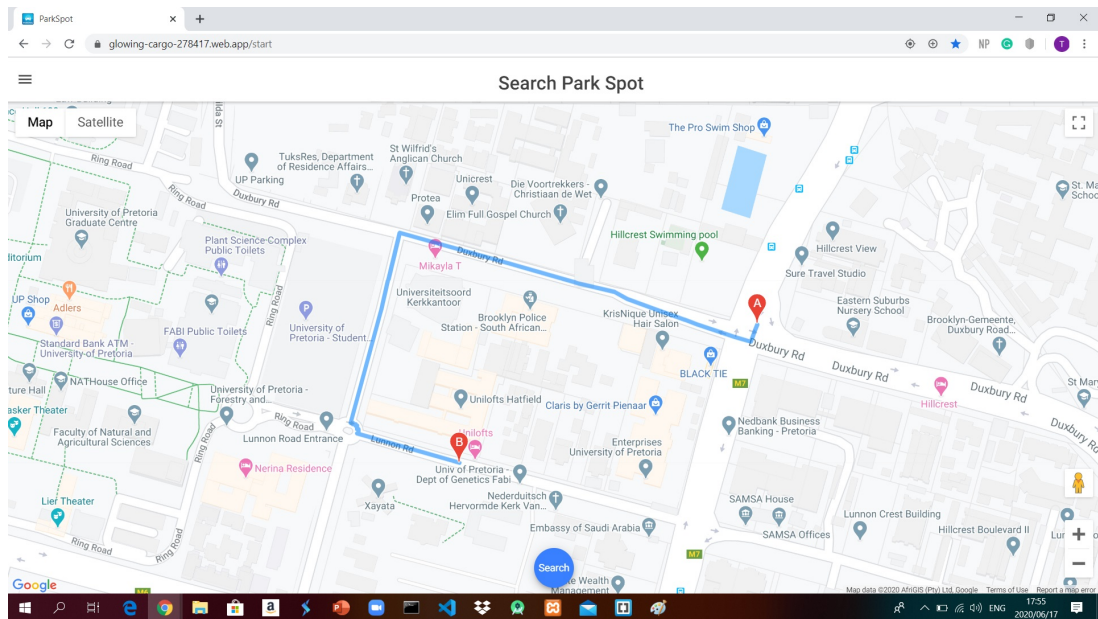
4.1 Getting Started with the Mobile app on Android

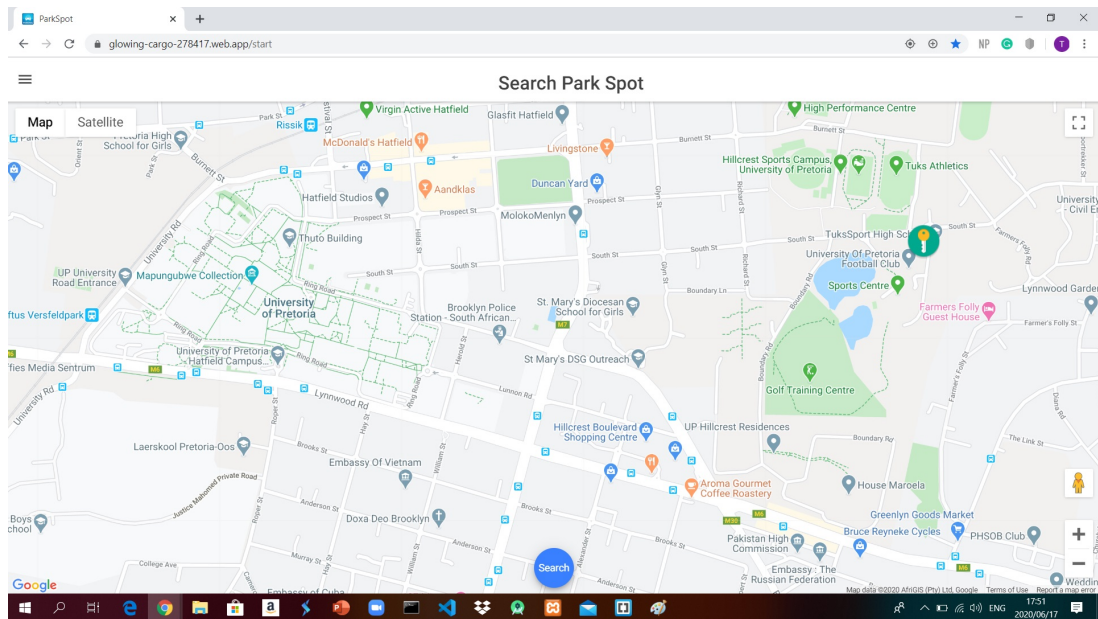
4.2 Getting Started with the Web Application











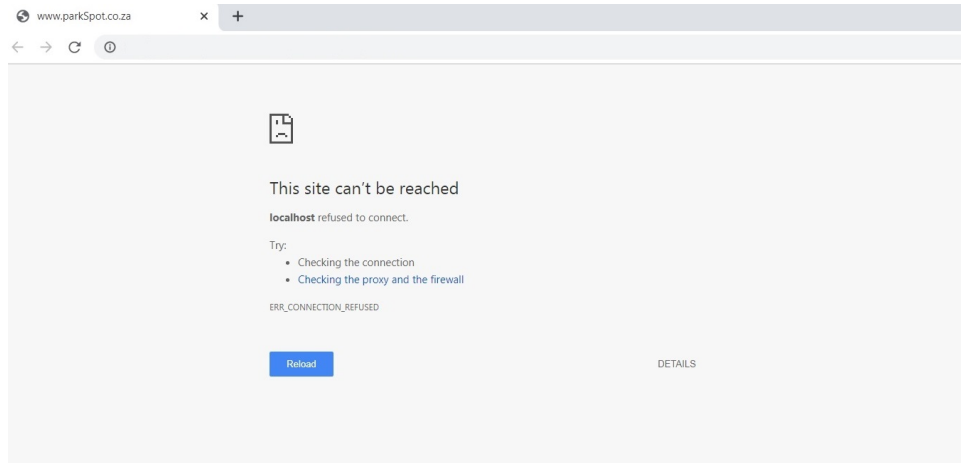
5 Troubleshooting

5.1 Mobile application

- **System Error for Mobile Application—**

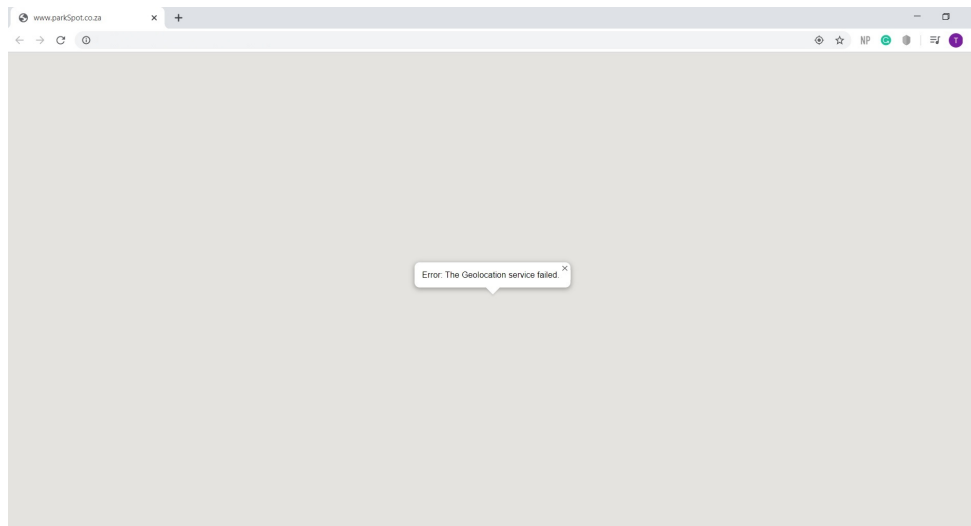
5.2 Progressive Web Application

- **Internet Connection Error: For Web Application**



This means that you do not have an active internet connection. To fix this, check your internet connection or contact your Internet Service Provider..

- **System Error: Geolocation Service failed**



This means that you did not allow the application to know your location through the browser. To fix this error, reload the application, when the browser asks to know your location, you must click **allow**. If the error persists, check the location settings in the computer/device's

settings. If they are turned off, turn them on then the application will reload. You will be asked once again, if the application can know your location, click 'allow' then the application will function.