

User Manual

A detailed guide to the use of the Road Assistance System



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Introduction

*We at Group 13 would like to thank you for using the Road Assistance System.
We hope that the quality of our product will meet, or exceed, your expectations.*

The Road Assistance System (RAS) is an Android Application designed for truck drivers (though any kind of driver can use it) so that they would be able to find the closest gas station, restaurant or parking lot while keeping the interaction with the phone (or tablet) to a minimum.

This is achieved by giving the navigation window a quick access menu where with the click of a button the device will automatically do the search for the user.

The application is also designed to gather specific data of the trip, such as speed, distraction level etc., and saving them on a statistics page where the user will be able to review the info and hopefully using it to become a better driver.

Road Assistance System

WARNING

Please be advised that certain functions of the application (such as the statistics page or accessing the main menu from the navigation window) is disabled while the vehicle is moving at a speed higher than 7 km/h. This is in order to promote driver safety by minimizing phone use.

WARNING

Starting the Application

When starting the RAS application you will first be greeted by the Login screen. Here you will have the options to either login or to register a new user, depending if this is the first time using our application or not.

Registering a New User

When registering a new user you will be asked to fill in your name, surname, username and password. In the event that a username is already taken, an error will appear and you will be asked to choose another username, so try your best to make it as unique as possible.

Main Menu

After logging in you will be directed to the main menu. Here you will have the option to access the various features of the application.



Plan route

To plan a route you simply need to input the desired destination into the field and press the search button.

If you wish to get the destination to multiple stops in one route, write the destination to the first stop and press Add. Then repeat for each stop until all destinations have been inputted and press search.

Map

After inputting your route you are now re-directed to the map where you will see your current location and how to get to your destination. Pressing the Road Assist Menu will allow you to choose between several options, such as going back to the main menu or searching for rest stops in close vicinity to you current location.

Road Assist Menu

Here you can locate the closest gas station, restaurant or parking lot by simply pressing the corresponding image.

If any image is pressed, except exit to main menu, the app will ask if you want to recalculate the route. Press yes and don't worry, if you wish to resume the original route, simply go back to the main menu and press Resume Route.

Resume Previous Route

Pressing this button while resume the route you had before using the Road Assist Menu.

Statistics

The statistics page is where info of your trips, or "routes", are saved.

At the top of the page simple statistics about your most recent trip are displayed while more detailed info, as well as the older trips, are accessed by pressing numbers in the list. Pressing a number will give you a detailed statistics page of that specific trip which includes charts of the speed and the



distraction level of the user as well as other info being displayed in text format at the bottom of the page.

FAQ

Q: I forgot the password for my account. How can I recover it?

A: There is no method to recover the password via the application. To recover it you need to contact the development team.

Q : Why can't I sometimes return to the main menu from the map?

A: Please read the warning label at beginning of the Road Assistance System section. If you still can't access it at times even while still, try restarting the application. If the error continues please contact the development team so it can be resolved within the next patch.

Q: Sometimes when I want to find a restaurant, the choice I get from using the road assist menu is a Café or other small store. I was hoping it would find me an actual restaurant.

A: The point of the quick menu is to find a location quick. Unlike the Parking Lot or the Gas Station the Restaurant refers to any location where you can get something to eat. If you are unhappy with the selection try clicking it again and see if you get a different result.

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