

DVT drivestats

User Manual



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https://github.com/AxelInd/COS301\_DriveStats/

# System Overview

DriveStats is a simple road application for Android devices. Its primary purpose is to help users regulate their driving patterns by providing simple feedback on their speed, acceleration, GPS location, and several other key features.

The purpose of this guide I to aid users in their attempts to setup, navigate, and appropriately use the DriveStats Android application.

The DriveStats application provides a range of features for all motorists: from simplistic user-based scoring to tell you exactly how well you are driving, to a fully-featured graphical overview of your driving-patterns, neatly described with graphs.

Collaboration to improve general road safety is a major goal of this product, and, as such, it features a Friend system to allow drivers to share their driving information and compare their safety with friends.

# System Configuration

## Minimal Requirements

To use the DriveStats application a user should possess an Android device with the following features:

1. Android 4.1: JellyBean operating system
2. Wi-fi enabled or 3G enabled
3. GPS capabilities
4. Accelerometer capabilities
5. Google Play Certified[[1]](#footnote-1)

As further requirements for using the DriveStats application a user should have the following:

1. A working Gmail account (required for the initial login)
2. Access to a wi-fi hotspot or other affordable means of internet access
3. A proper dash-mount in their car[[2]](#footnote-2)

## Graphical Illustrations

@william we need a diagram of the device, properly mounted in a car. This illustration should show that the device can work via 3G or wifi.

@william we also need an image of a computer with graphs on the screen. The computer should have a cable coming out of it, saying INTERNET CONNECTION

Installation

Image showing opening app store

Image showing selecting our app and clicking install

Getting Started

Image showing app open requiring google login

Image showing selecting desired settings (visa vi data usage, autosleep times, etc)

Explain that user IDs do not change

Explain how to set display name

Explain no passwords required

Layout of system (how screens are connected, explain where shown in more detail in the manual. Need screenshots)

Show how to exit system

# Using the System

Troubleshooting

1. For further information on Google Play Certification please contact the list of certified devices provided by https://support.google.com/googleplay/answer/1727131?hl=en. [↑](#footnote-ref-1)
2. Needed to maintain accurate readings throughout the trip. [↑](#footnote-ref-2)