



Transport Services

User Guide Documentation

Table of Contents

Transport Services	3
Description.....	3
GitHub repository & Deployment Site.....	3
Software usage & Deployment Access	3
About User Guide.....	4
Programming Languages and Software Used	4
Getting Started	5
User Types	5
Adding and Modifying Superuser & Admin rights:.....	5
Add Vehicle	6
Adding and Modifying Submitted Journey Details:.....	7
Approving and Rejecting Customer Journey Entries:.....	8
Installing Data Table as Excel (.csv) format:	8

Transport Services

Description

Glasgow University Transport Services Journey Entry & Analytics is a project which aims to allow users to switch from paper-based analytics to software-based analytics, from input entries data provided by customers who rented different types of vehicles.

Developed by:

2479153C (Jan Chyzy): 2479153C@student.gla.ac.uk

2512290C (Kai Cheong): 2512290C@student.gla.ac.uk

2582307C (Li-Jen Chen): 2582307C@student.gla.ac.uk

2336526C (Wonseok Cho): 2336526C@student.gla.ac.uk

2458736m (Connor McFadden): 2458736m@student.gla.ac.uk

GitHub repository & Deployment Site

A GitLab account will be required to access the repository, please make sure an account is made to gain access to this private repository.

<https://stgit.dcs.gla.ac.uk/team-project-h/2021/cs14/cs14-main.git>

<http://gu-transport-services.herokuapp.com/>

Software usage & Deployment Access

The following project is only made available to The University of Glasgow Transport Services Department, please contact the department in regards to User privacies and software usage rights.

The following details are for accessing the Gmail and Heroku, where the Web App is currently deployed and hosted on.

Login: gutransportservices@gmail.com

Password: CS14Transport!

About User Guide

This User Guide will provide you with the necessary steps required on how to find or solve issues that have been made and allow the User to familiarise themselves on the usage of the provided software.

Programming Languages and Software Used

HTML

CSS

Python

Javascript

Docker

Heroku

VSCode

Django

Github / GitLabs

Getting Started

User Types

Superuser: A user account that allows control over web app, like creating new user accounts, modifying rights, and modifying submission detail.

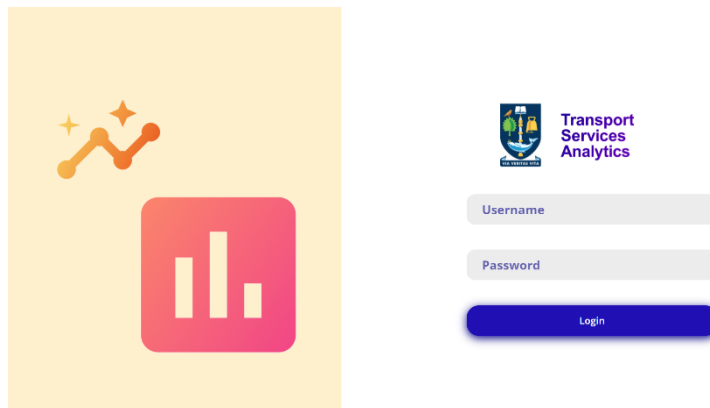
Admin: A user account that allows user to access the data that have been submitted, and its analytical tools in the web app.

Customer: Does not require user account, only allowed access into **Submit Journey Details**.

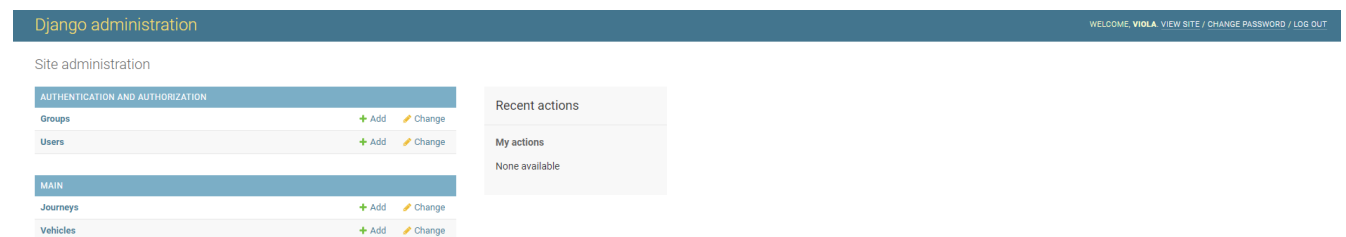
Adding and Modifying Superuser & Admin rights:

Superusers are given access to adding and modifying rights on Journey Details, and the addition and modification of new Users and new Vehicles.

To access these features, login to the admin analytics page. In the menu select Admin and login to your superuser account.



Adding & Modifying



Select Add in the Users row to add new user, make sure to choose a username and password, or Select Change to modify existing users.

Home - Authentication and Authorization - Users

ADD USER +

SELECT user to change

Q [] Search

Action: [] Go 0 of 2 selected

<input type="checkbox"/>	USERNAME	EMAIL ADDRESS	FIRST NAME	LAST NAME	STAFF STATUS
<input type="checkbox"/>	Grantt				✓
<input type="checkbox"/>	Viola				✓

2 users

FILTER

By staff status

All
Yes
No

By superuser status

All
Yes
No

By active

All
Yes
No

Three permissions are given as shown below:

Permissions

☒ Active
Designates whether this user should be treated as active. Unselect this instead of deleting accounts.

☐ Staff status
Designates whether the user can log into this admin site.

☐ Superuser status
Designates that this user has all permissions without explicitly assigning them.

Active: Disables accounts temporarily until selected again, without needing to delete accounts

Staff Status: Gives the account admin rights to use the analytical tools

Superuser Status: Gives the account superuser rights to add and modify

Make sure that permission is selected to allow access to the web app or else account can exist without having any purpose.

Add Vehicle

New vehicles are always added, therefore adding these vehicles into the database will allow for customers to select the specific vehicle they used.

To access these features, login to the admin analytics page. In the menu select Admin and login to your superuser account.

In Vehicle row select add and modify will allow you to type in the vehicle name and number plate to add new vehicle or change the detail of the vehicle.

Django administration

WELCOME VIOLA, VIEW SITE / CHANGE PASSWORD / LOG OUT

Home / Main / Vehicles / test

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

MAIN

Journeys + Add

Vehicles + Add

Change vehicle

test

Vehicle type:

test

Plate number:

test

Delete

Save and add another

Save and continue editing

SAVE

Adding and Modifying Submitted Journey Details:

Should a mistake be made during approving and rejecting the pending data cards, the data can be removed or added when logged into the Admin.

Adding & Modifying

In the Admin page select add to add new data without having to go through the approval of pending data and change to remove wrongly approved data.

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

MAIN

Journeys + Add

Purposes + Add

Vehicles + Add

Add journey

Start date:

Today

End date:

Today

Driver:

Plate number:

Start location:

Destinations1:

Destinations2:

Destinations3:

Purpose:

No of pass:

Start time:

Now

End time:

Now

Mileage start:

Mileage finish:

☐ Approved

☐ Round trip

Vehicle type:

First select the data that are approved wrongly, then on the action bar just below **Select Journey to change** select delete selected journeys and click on go to remove the selected data.

Select journey to change												
Action: <input type="text"/> 0 of 19 selected												
<input type="checkbox"/>	START DATE	END DATE	DRIVER	PLATE NUMBER	START LOCATION	DESTINATION1	DESTINATION2	DESTINATION3	PURPOSE	NO OF PASS	START TIME	END TIME
<input checked="" type="checkbox"/>	March 9, 2022	March 9, 2022	Jason	AB7DEHD	Tesco	Shops	-	-	Supplies	4	noon	12:45 p.m.
<input type="checkbox"/>	March 9, 2022	March 9, 2022	Danny	AB7DEHD	Vet School	Somewhere	Here	There	Supplies	1	8 p.m.	9 p.m.
<input type="checkbox"/>	March 9, 2022	March 9, 2022	Joe	AB7DEHD	Uni	Shops	City centre	-	Travel People	0	10:15 a.m.	11 a.m.
<input type="checkbox"/>	March 9, 2022	March 9, 2022	Chris	AB7DEHD	Vet School	Somewhere	-	-	Supplies	2	1:01 a.m.	2:10 a.m.
<input type="checkbox"/>	March 1, 2022	March 2, 2022	Jason	LD00LD	Tesco	Shops	-	-	Supplies	4	noon	12:45 p.m.
<input type="checkbox"/>	March 2, 2022	March 2, 2022	Danny	AB7DEHD	Vet School	Somewhere	Here	There	Supplies	1	8 p.m.	9 p.m.
<input type="checkbox"/>	March 2, 2022	March 2, 2022	Joe	AB7DEHD	Uni	Shops	City centre	-	Travel People	0	10:15 a.m.	11 a.m.
<input type="checkbox"/>	March 2, 2022	March 2, 2022	Chris	AB7DEHD	Vet School	Somewhere	-	-	Supplies	2	1:01 a.m.	2:10 a.m.
<input type="checkbox"/>	Feb. 21, 2022	Feb. 21, 2022	bob	LD00LD	abc	c	c	-	Picking up of goods	2	7:08 p.m.	9:12 p.m.
<input type="checkbox"/>	Feb. 23, 2022	Feb. 23, 2022	Jason	AB7DEHD	Tesco	Shops	-	-	Supplies	4	noon	12:45 p.m.
<input type="checkbox"/>	Feb. 23, 2022	Feb. 23, 2022	Danny	AB7DEHD	Vet School	Somewhere	Here	There	Supplies	1	8 p.m.	9 p.m.
<input type="checkbox"/>	Feb. 23, 2022	Feb. 23, 2022	Joe	AB7DEHD	Uni	Shops	City centre	-	Travel People	0	10:15 a.m.	11 a.m.
<input type="checkbox"/>	Feb. 23, 2022	Feb. 23, 2022	Chris	AB7DEHD	Vet School	Somewhere	-	-	Supplies	2	1:01 a.m.	2:10 a.m.
<input type="checkbox"/>	Jan. 23, 2022	Jan. 25, 2022	Orange	AB7DEHD	Vet School	Somewhere	-	-	Supplies	4	noon	12:45 p.m.
<input type="checkbox"/>	Jan. 23, 2022	Jan. 24, 2022	Booby	AB7DEHD	Vet School	Somewhere	-	-	Supplies	4	noon	12:45 p.m.
<input type="checkbox"/>	Feb. 13, 2022	Feb. 13, 2022	Jason	AB7DEHD	Tesco	Shops	-	-	Supplies	4	noon	12:45 p.m.
<input type="checkbox"/>	Feb. 13, 2022	Feb. 13, 2022	Danny	AB7DEHD	Vet School	Somewhere	Here	There	Supplies	1	8 p.m.	9 p.m.
<input type="checkbox"/>	Feb. 13, 2022	Feb. 13, 2022	Joe	AB7DEHD	Uni	Shops	City centre	-	Travel People	0	10:15 a.m.	11 a.m.
<input type="checkbox"/>	Feb. 13, 2022	Feb. 13, 2022	Chris	AB7DEHD	Vet School	Somewhere	-	-	Supplies	2	1:01 a.m.	2:10 a.m.

Approving and Rejecting Customer Journey Entries:

After customers have completed their journey, they will be required to fill in the journey details forms. Details submitted into the form will be recorded down and placed into the pending data section of the analytics page.

To access this data, [login](#) to the [admin analytics page](#).

Select [Pending Data](#) from the menu, and you will be presented with cards each containing every customer detail that has been submitted.

The screenshot shows the 'Transport Services Analytics' interface. On the left is a 'Menu' with options: Dashboard, Pending Data (highlighted), Analytics, Data Table, Export Data, and Admin. Below the menu, it says 'You are signed in as Admin' with a 'Logout' button and a 'Home' link. The main section is titled 'Pending Data' and contains two cards. Each card represents a customer journey entry. The first card is for 'Bobby' and the second is for 'Orange'. Both cards show the same details: a date range of 'Jan. 23, 2022 - Jan. 23, 2022', a time of 'noon - 12:45 p.m.', a status of 'False', a vehicle type of 'minivan', and '2 Supplies'. Each card has an 'Approve' button (green) and a 'Reject' button (red) in the top right corner.

The details can be approved or rejected on each top right corner of the details card. Cards that have been approved or rejected will be removed from pending data, should a mistake be made when accepting or rejecting the data. Please look at [Adding or Modifying Submitted Journey Details](#).










Installing Data Table as Excel (.csv) format:

The details provided in the data table are only details which has been approved and can be installed into an Excel(.csv) format.

To access this data, [login](#) to the [admin analytics page](#)

Select [Export Data](#) from the menu, and you will be presented a large blue button to export the data table into an Excel file.

Menu

-  Dashboard
-  Pending Data
-  Analytics
-  Data Table
-  Export Data
-  Admin
-  You are signed in as **Viola**
-  Logout
-  Home

Export Data



Export database in CSV