# **Inventory\_Management\_System – Readme File**

**Overview**

A simple inventory management system made in Django framework of Python

Follow the steps below to run it on your system -

***Step 1 - Install python libraries – django and django-import-export***

- Open command line (start menu, search cmd) and run these two commands

***pip install django***

press enter and let django install

***pip install django-import-export***

press enter and let django-import-export install

***Step 2 – Download the application folder and run it***

* Copy the attached folder and save it on desktop or a place of your choice and unzip it (if it is zipped).
* Open the (unzipped) folder, click on the address bar and type CMD and press enter. This will open command prompt from this location.
* In the command prompt window, type the below command and press enter -

***python manage.py runserver***

press enter to run the above command on command prompt

* The output from the above command on command prompt should look like the yellow colour part below -

*Watching for file changes with StatReloader*

*Performing system checks...*

*System check identified no issues (0 silenced).*

*April 01, 2020 - 12:52:46*

*Django version 3.0.4, using settings 'stock\_management.settings'*

*Starting development server at http://127.0.0.1:8000/*

*Quit the server with CONTROL-C.*

* Copy this part from the generated output - http://127.0.0.1:8000/
* Paste it on the address bar of a web browser window and run it
* This will open the application on the web browser and you will be able to make additions, edits and changes to the application through the products, customers and orders buttons.

**How to Use the Application (Functionalities) –**

**Step 1**- Click on products, customers and orders buttons to see the details of existing data.

**Step 2** - Click on the + sign next to each of the three buttons to enter a new data row (a new product, customer or order)

**Step 3** - Use the edit or X symbol in front of each row across the products, customers or orders column to edit or delete the entries.

**Extra Information** – The application also lets you to upload data through an excel file. This can be done by creating admin rights and logging in as admin through the following link –

* <http://127.0.0.1:8000/admin>

Use the following existing admin credentials –

Username – taif

Password – strathclyde

While uploading data from excel, make sure each table (customers, products and orders) is on a separate tab and the exact same column names are used as in the application.