# Invoice Tracker

## It is recommended that you use python 3.6 virtualenv to run this application.

## Clone the git repository name InvoiceTracker. Activate the virtualenv and use the following command to install the requirements

## pip install -r requirements.txt

## In addition to that you will need to download the latest version of the postgres database.

## Once database is installed and running, open the psql CLI or PGAdmin web client to create a database called invoiced.

## I have used the database with userid = postgres and password =tiger in this application, so the connection string for the database instance is:

## 'postgresql+psycopg2://postgres:tiger@localhost/testdb'

## If you have used different credentials, you may set the connection string in the \_\_init\_\_.py file in the invoice folder.

## The next step is to create database objects, namely two tables, invoices and invoice\_items.

## For that you will need to open the Python shell from project folder

## In the python REPL run the following commands to create the two tables

## >>>from invoice.models import Base

## >>> Base.metadata.create\_all(bind=db.engine)

## >>

## Once done, type quit() to exit the shell. You can make sure whether table are created by going PGAdmin or psql CLI.

## If you are running the app on windows system run the following command to start the application

## 

## set FALSK\_APP=invoice

## flask run

## In Linux environment run

## export FALSK\_APP=invoice

## flask run

## If everything goes well you will get some warnings and a link like the following to run the application on the browser

## Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)

## You can go to invoice page with this link <http://127.0.0.1:5000/invoice/new>

## Bellow are 3 screenshots that I create while testing the application.

## Thanks.





