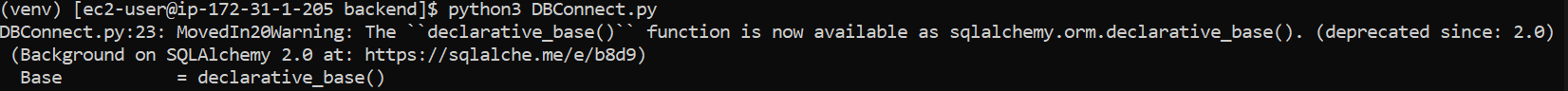
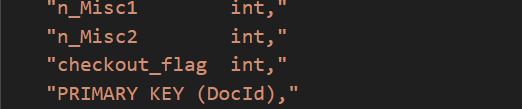
* Connected to the development server



* Backend configuration steps are mentioned in README.md file under /home/ec2-user/GL-IIIT-TechDocs/backend directory.
* Connection to MySql RDS instance was tested.



* update the def\_Tables.py with changes in database (e.g., checkout\_flag in Documents table)



* update the orm\_Tables with changes in database (e.g., checkout\_flag in Documents table)
  + orm\_Common.py

A screen shot of a computer

Description automatically generated

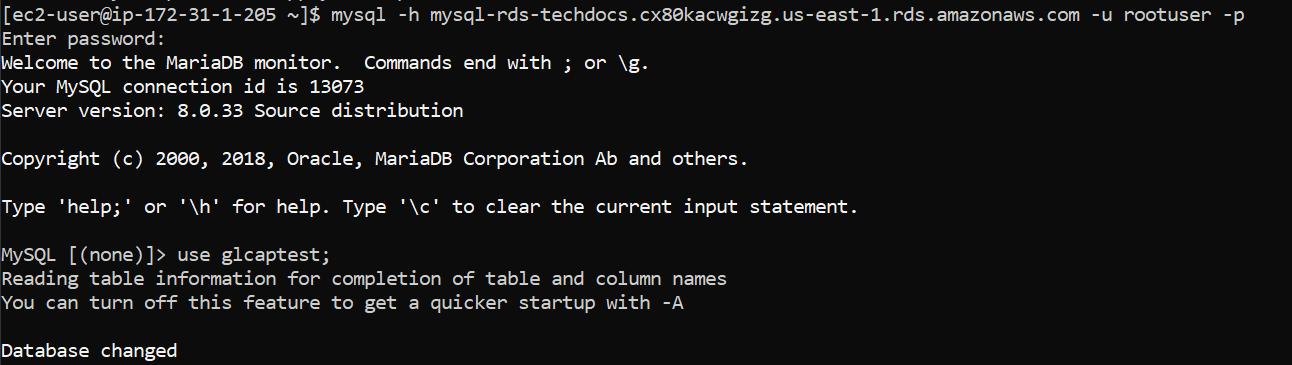
* + orm\_Tables.py

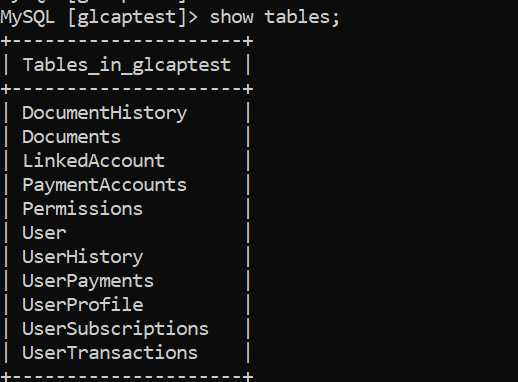
A screenshot of a computer

Description automatically generated

* Schema created using following steps:
  + cd Schema
  + python3 def\_Tables.py.
  + Opened another terminal for checking the RDS database from EC2 instance.



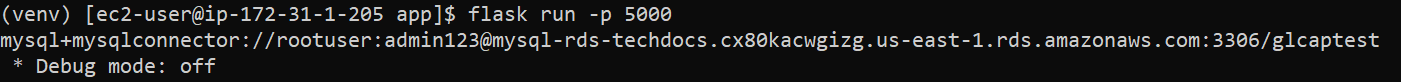




* Template folder setup for backend in the flask app (app.py)



* Flask app was run either by running the Docker or by using flask command.



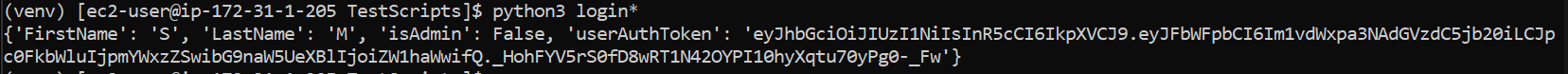
* Opened another terminal for testing while the flask app is running.



* User registration



* User login. Authtoken generated at runtime is being used in further API calls.



* If user forgets password.



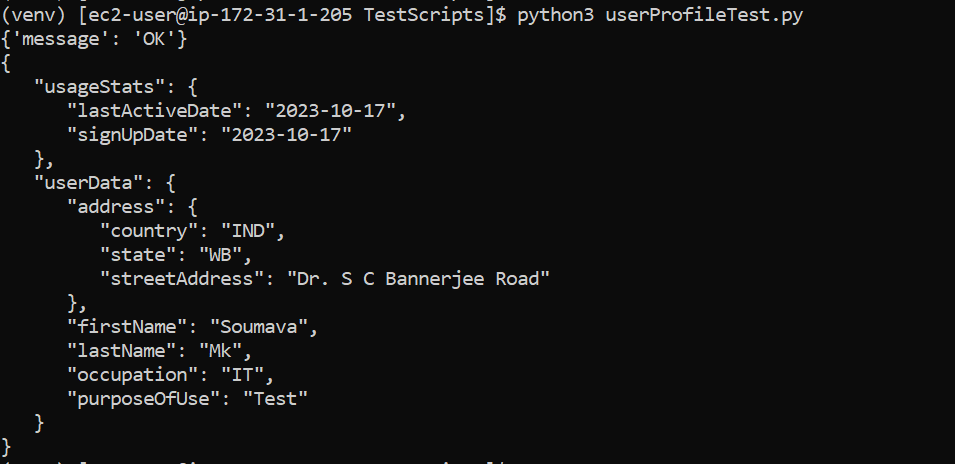
A screenshot of a computer

Description automatically generated

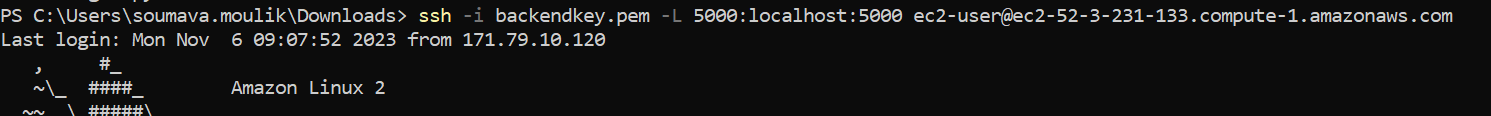
* User password reset.



* User profile updated and reviewed.



* Open another terminal and map server localhost with client localhost



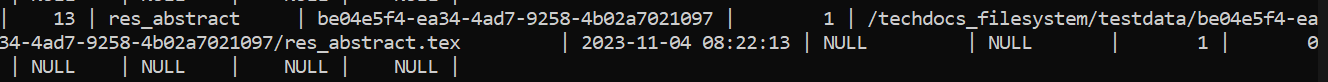
* File upload to user specific directory.

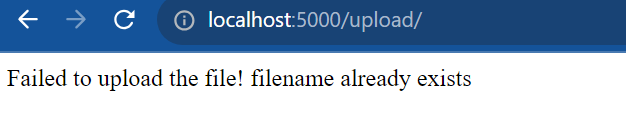
A screenshot of a computer

Description automatically generated

A blue and white box with white text

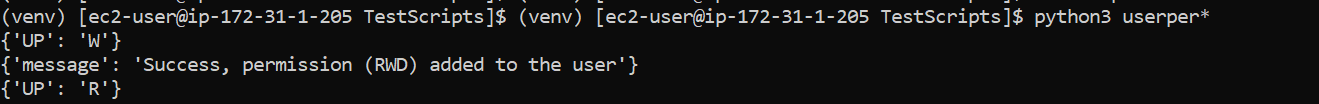
Description automatically generated





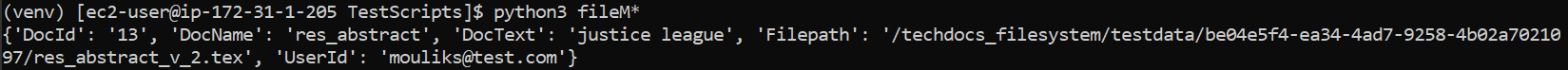
* Changing file permissions and reviewing the same.







* Version management

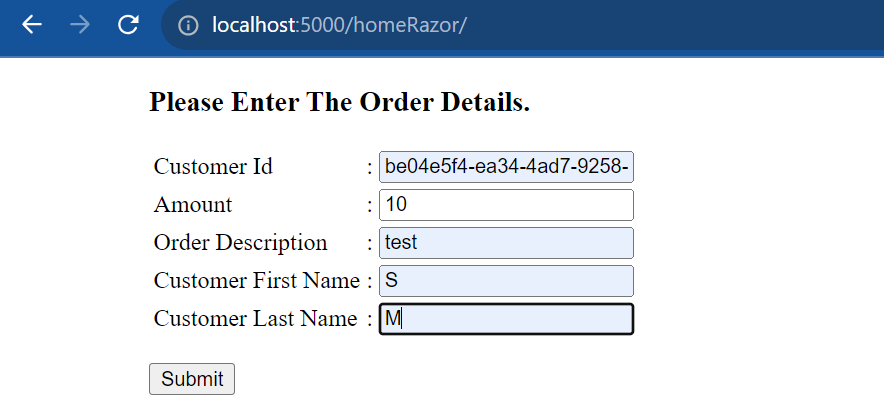


A black screen with white text

Description automatically generated



* Payment using RazorPay

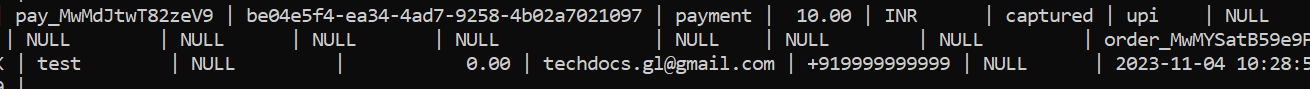


A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated



A screenshot of a phone

Description automatically generated

A blue and white screen with white text

Description automatically generated

* File upload

A screenshot of a computer

Description automatically generated

A black text on a white background

Description automatically generated

* Multi-user editing documents using ckeckout flag.



A screen shot of a computer

Description automatically generated

* + While one is updating a document the checkout flag is set (**Document.checkout\_flag=1**) restricting others to modify the same document.

A black background with white lines

Description automatically generated

* + Once the update is done the checkout flag is reset (**Document.checkout\_flag=0**) making the document editable by others.

A black background with white text

Description automatically generated

* Latex to PDF. User specific files are converted into PDF in the user repository for download.

A screen shot of a computer

Description automatically generated



* File download. On clicking download, file gets downloaded in the local computer.

A screenshot of a computer

Description automatically generated

A close up of a test

Description automatically generated