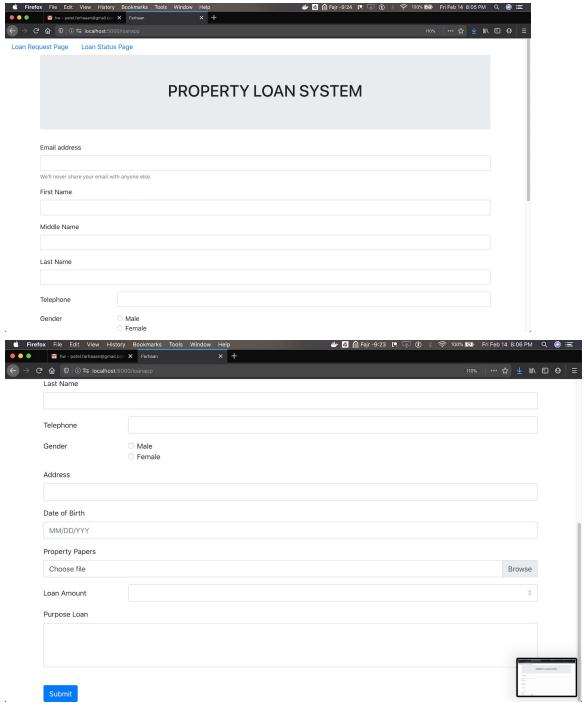
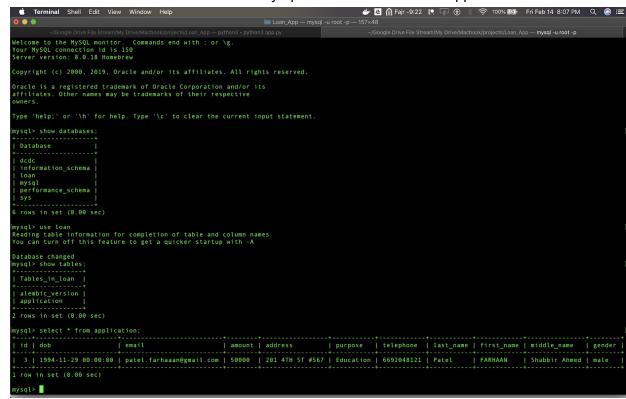
Reports:

- I have used Flask for building the entire application.
- Here is the pic of the front end of the application to the endpoint /loanapp.

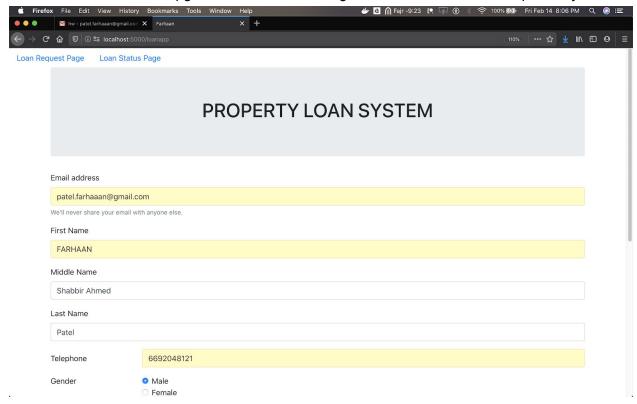


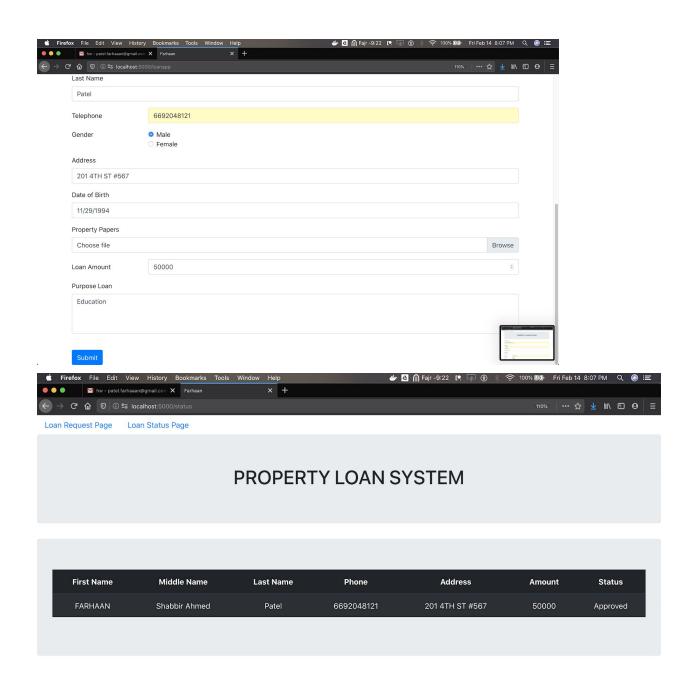
- The client needs to input the fields: First Name, Last Name, Middle Name, Address, Gender, Phone Number, Loan Amount, Purpose of the Loan etc.
- Client also needs to upload his property papers in order to process the loan.

- Right now for this application I am not saving the paper file, but they can be easily stored and the best way to render this is using amazon S3 object storage.
- We can easily write an API which will take the file object as an input and using AWS credential keys, will create a user bucket and upload it there.
- We can then make this object's Access Control List to be public where we can easily retrieve this file from the S3.
- Once all the details are filled by the client, then this information is stored in the database.
- I have used the MVC architecture where I have defined all the configurations in the init .py file.
- This file contains database string (user, password, and database name)
- To be concerned about security we can also create a .env file and source the data from that file at runtime rather than hardcoding the database username and password.
- Once this information is stored, the client can navigate to the /status endpoint where he will be able to see the status of his application.
- The status of application right now is just a random logic of Accepting or Rejecting the application.
- Also first name, last name, number,, gender amount, telephone, dob are mandatory.
- If these fields are not filled out then, he will be redirected to the same page with the error to fill out that information.
- Here is the screenshot of the backend mysql database of the entire application.



• For migrating the local database to server I am using flask_migrate which will initialise the database, and upgrade all the changes to the server respectively.





• Here is the page which will show the status of the client's application.

THANK YOU.