The main objective of the project was to design a well organized medication and patient-doctor management system that will help the patients to get treatment virtually regarding their problem by taking appointment and adding his symptom and the doctors can provide proper treatment based on the patient

The application will be user friendly the user will be able to get the highest benefit using this application.

To develop the web application we have used the python frame work named flask and sqlite3 browser for storing the data of both kind of user. Sqlite3 database connects with Flask-SqlAlchemy which readily extends for larger applications. After that designed the front end side and written codes for backend side and finally connect the backend side with the front end side. We have used template inheritance for reusing the codes and association between Doctor and Patients class.

These are the design of the user interface.

This is input-output demo of the project. When the user enters the required info and signs up, it will take him to sign in page and when user can sign in to get access of the features of the web application.

The next slide shows the appointment process. When the patient the enters the take appointment button it will show a dialogue box that has been executed using modal. And when the paitent clicks the confirm appointment button it will redirect him to the appointment page and ask him to enter the symptom to complete the required information for the appointment.