Project Report

Modern Application Development

Adithya Pradeep
Diploma Student
21f1002580@student.onlinedegree.iitm.ac.in

REPORT

I have developed a simple web application that helps users track information using trackers. The application has been developed using HTML and Python. The libraries used are Flask and Sqlite3. The application performs 4 major operations ie; Create, Read, Update and Delete Each user has his/her own set of credentials to access their private data. New users can signup and then later login. The login page is completely secured with a session time of 5min. Users can then access their dashboard after login. The dashboard provides realtime trendlines in the form of line chart and bar chart. An API has also been incorporated to provide users with motivational quotes. This project invloves the use of Javascript and JSNode as well. The UI/UX is simple to interpret and use without any complications. The application can be easily migrated to production and doesn't depend on external servers. All the SQL tables used as part of this project is stored in the tracker database in the main branch. All the necessary core features has been implemented without any errors