

HCL INTERNSHIP

- Project Abstract

Rakshith. R

39110832

Title :

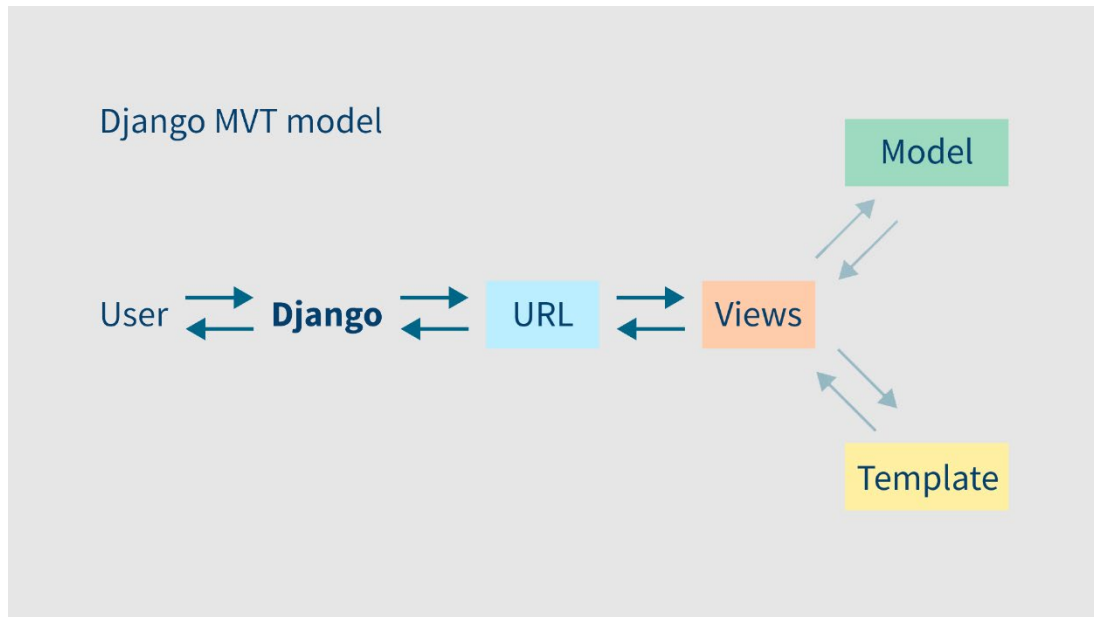
RentIt – A car rental platform

Software Requirements / Languages :

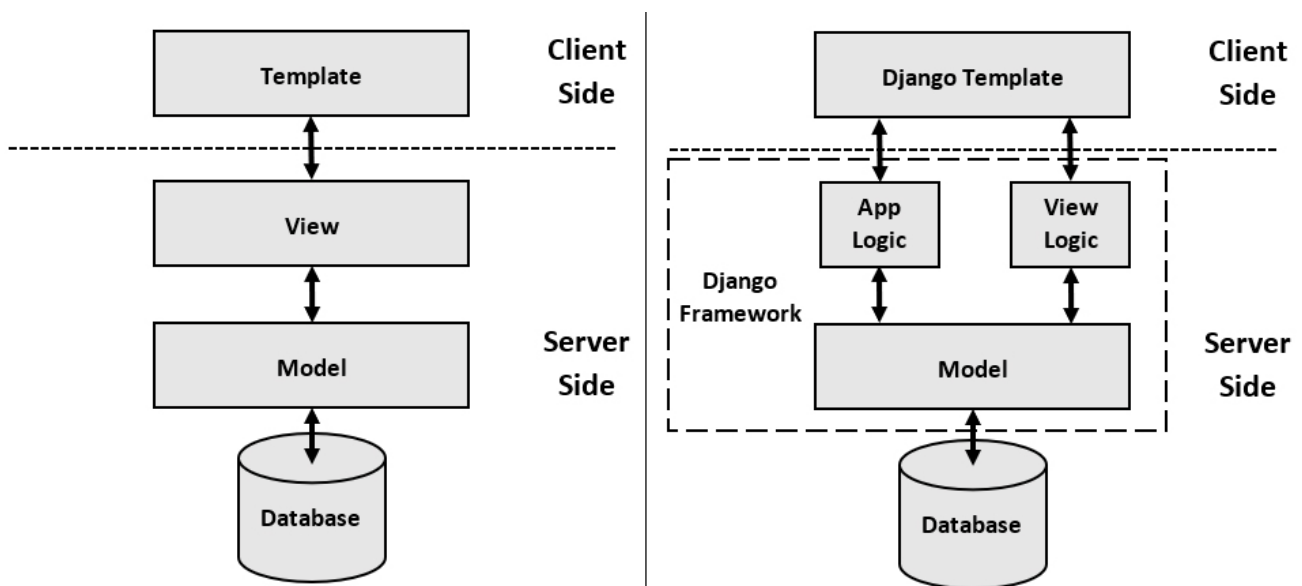
- Python
- Django
- mysqlclient
- XAMPP(MySQL)
- HTML
- CSS

Abstract :

RentIt, the car rental platform, is mainly build upon Python's Django framework and MySQL. It is then accessed by mysqlclient, a python extension to connect MySQL and Django. Django being a flexible and easy to use framework, helps to output the processed data from MySQL to the HTML template as the 'POST' data. It allows data to pass-in through the 'GET' function and feeds it to the database management system. The processed data is finally exported to a live server(local host) through a browser. The output template is a minimal and very user-friendly interface.



Most of the data processing happens in the server side, i.e.) Django. Django has 4 main components for it to run. They are url, view, model, template. The 'template' consists of all the front-end codes of the project. 'Model' consists of the structure of the project and is used to redirect the processing to the required path. 'View' consists of the main code for the project and is the base file. 'url' consists of all the sub-directories of the present project and is required to redirect the links.



Flow Diagram :

