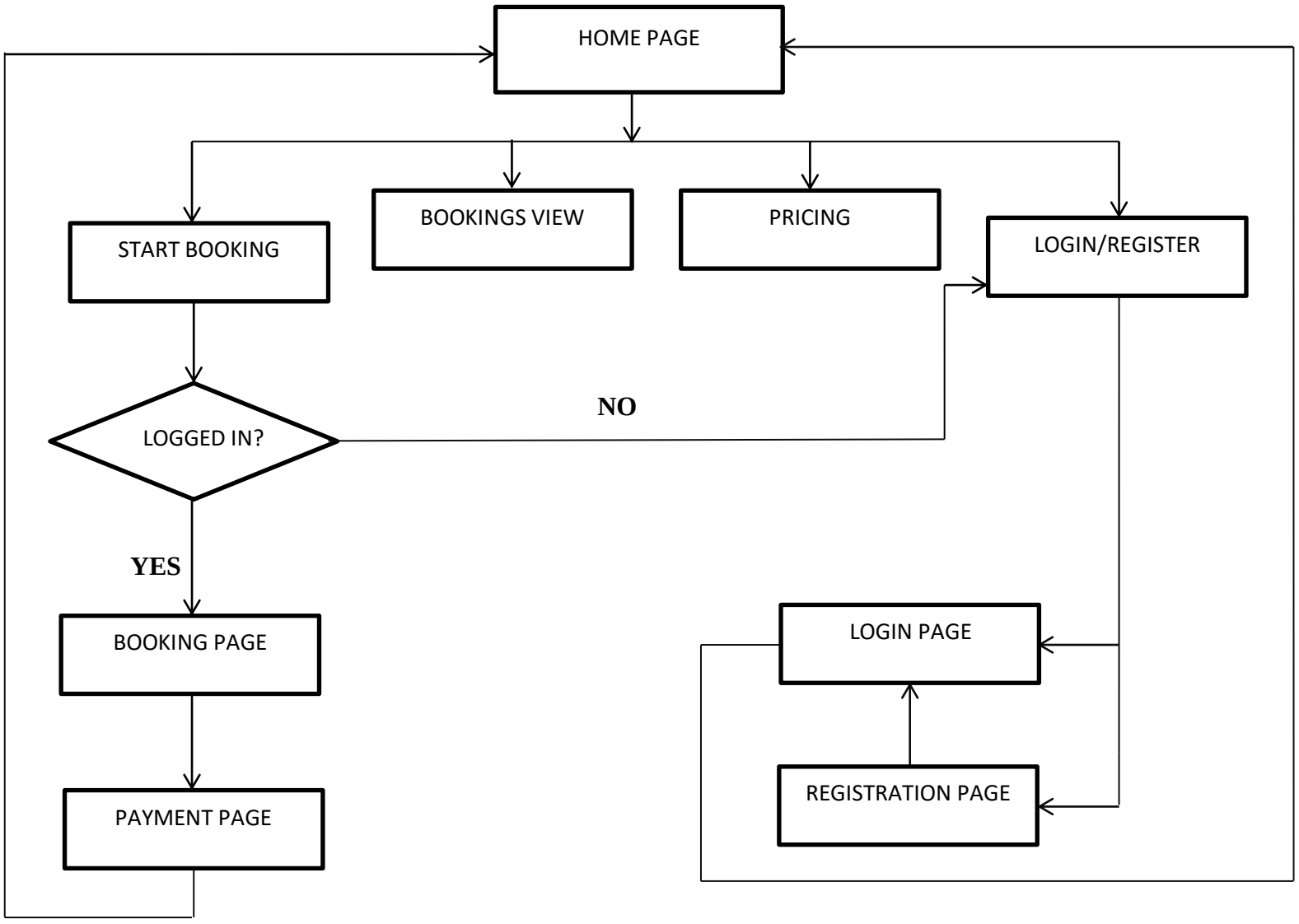
Online Vehicle Parking Reservation System

Flowchart:



Snapshots:

Park Before Arriving

Book your parking now and save up to 70%

Pricing
Rs.0 / month
Rs.60 / month
Rs.50 / month

Booking Form

JohnyBravo
Profile Info

Pay Invoice

Introduction:

Online vehicle parking reservation system (OVPRS) is a web-based system used to reserve a parking nearby and is also a data processing system. Drivers are no longer disturbed to park their vehicle since the system generates the parking lot number on OVPRS platform. The system requirement of OVPRS requires a currently supported version of Microsoft internet explorer or Firefox. Access to confidential data in OVPRS is secured.

The drivers which are in need of parking space may find it difficult to spot the available space in a crowded place. So we provide a system in which the drivers can look for the available slots and book accordingly. So the entire idea is to provide access to each user to the available slots for booking of parking.

Objectives:

- ✧ To establish possible solution to improve on the current Vehicle Parking Reservation system.
- ✧ To collect feedback from the users and then use the people's opinion to make improvements in the user experiences.

Packages used :

1. Python 3 and above.
2. Django 2.1.7.
3. Django Crispy forms.
4. Django Phonefield.
5. Django Phonenumberfield.

Modules covered so far:

1. Registration and Login facility for the admin as well as for the user.
2. Slot booking is there and the details are recorded in the database.
3. Forgot password module is also there.

Modules to be covered:

1. A slight variation to be done in which the details of a slot booking are recorded and displayed.
    a. Only the administrator should be allowed to delete the records for booking.
    b. For the user's view, checkout time is to be recorded and displayed when the administrator deletes the booking.
2. Feedback facility should be there. The feedback is to be sent to database. The feedback is to be given by the current logged in user. The name of the user shall not be asked on the feedback form rather it shall be picked from the logged in ID automatically.
3. Enhancement of a slot booking module. Slot booking for parking using a system with specification such as n floors, each floor having m blocks and each block having some x spaces for parking some x cars. The values of n, m and x shall be more than 4 and less than 10. (Assume all the values according to your comfort)
4. Allowing users to add at most 5 different cards on a single login account including both credit and debit cards. Add another table for cards and specify keys accordingly. The more normalized tables will be given preference.