



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

CSE 3001

Software Engineering

LAB ASSESSMENT - 4

NAME: Vibhu Kumar Singh

REG. NO: 19BCE0215

TEACHER: Ushus Elizebeth Zachariah

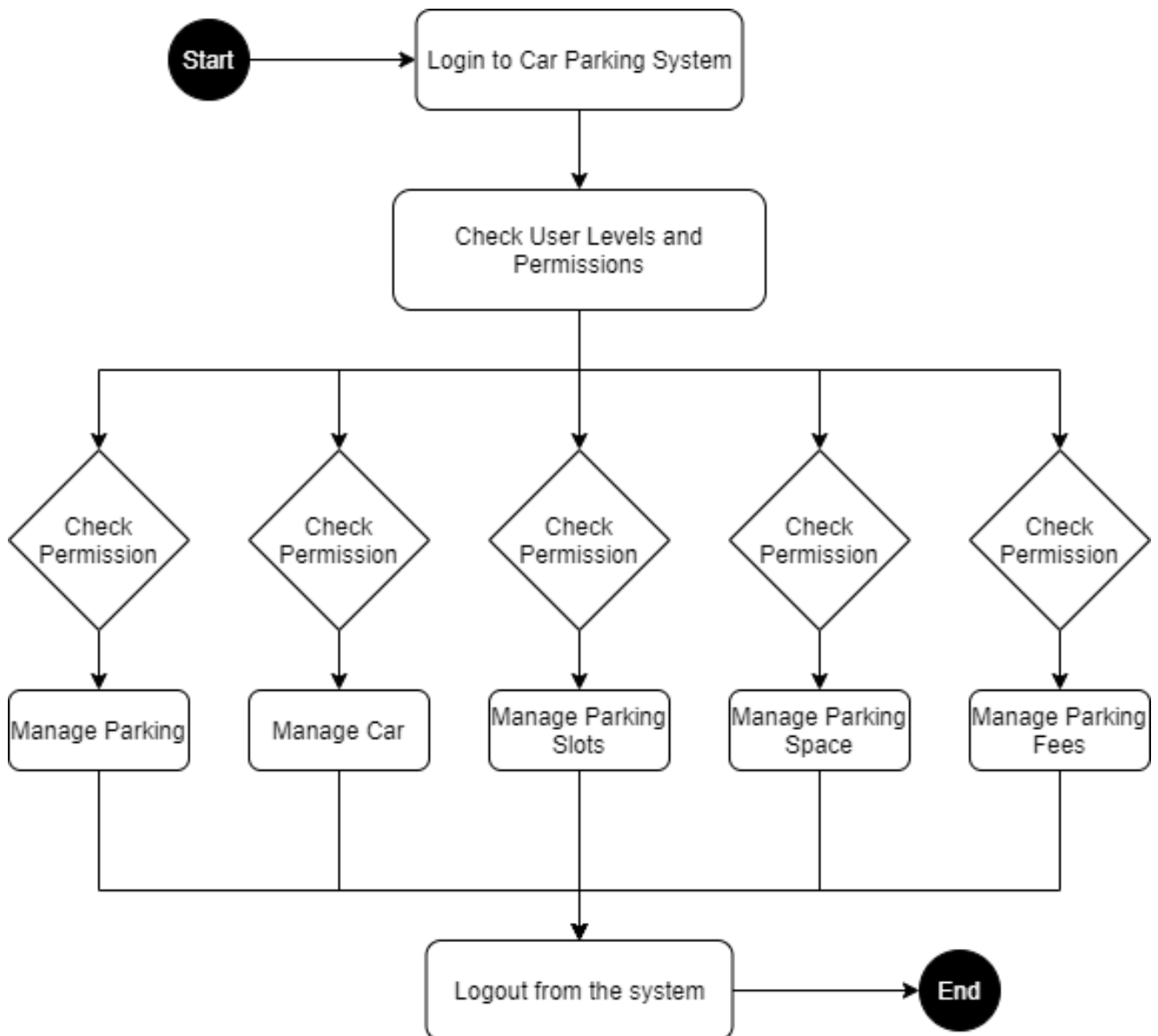
An aerial photograph of a parking lot. Several cars are parked in white-lined spaces. A red car is on the left, a blue car is on the right, and a dark blue car is at the bottom. A white number '27' is painted on the asphalt in the center. The entire image is framed by a black border.

PROJECT TOPIC:

Smart Parking System

(19BCE0215)

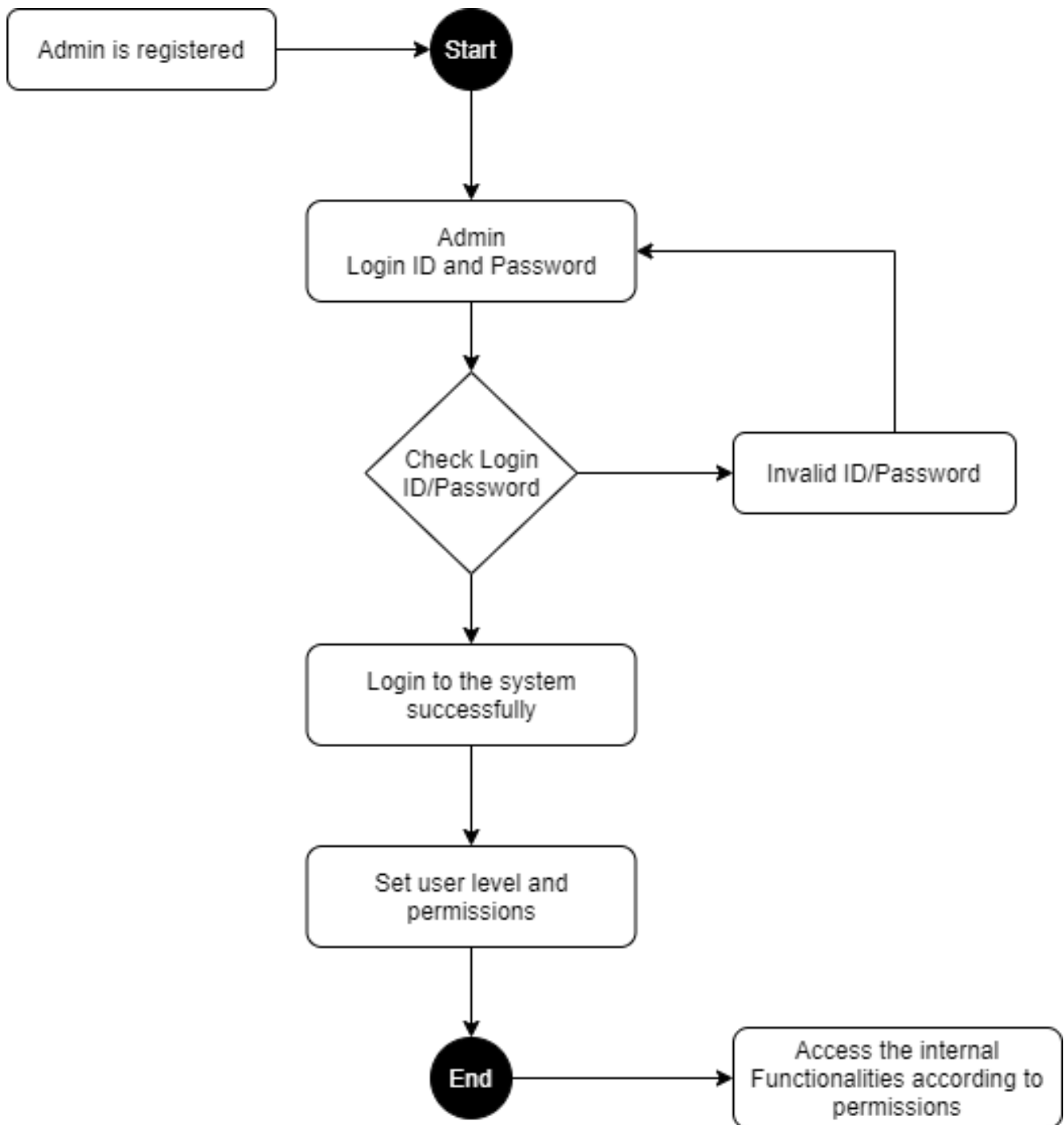
Activity Diagram:



Activity Diagram for Smart Parking System

(made on draw.io)

Activity Diagram for Login Page:

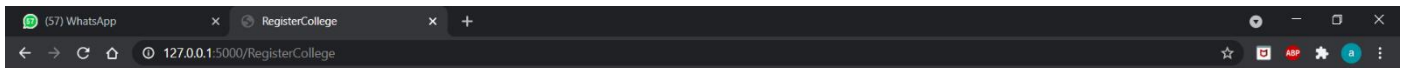


**Activity Diagram for Smart Parking System
(Login Page)**

(made on draw.io)

Q3) Group project updates :-

TOPIC: College Admission Management System



COLLEGE REGISTRATION

College Name

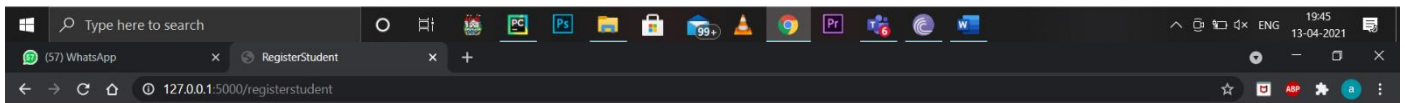
Username

College Email

Password

confirm Password

[HOME](#)



STUDENT REGISTRATION

Username

Student Name

Student Email

Contact

Password

confirm Password

[HOME](#)



LOGIN College

Username

Password

[HOME](#)

LOGIN Student

Username

Password

[HOME](#)

(58) WhatsApp x DASHBOARD FOR COLLEGE x +

127.0.0.1:5000/dashboardcollege

Dashboard for College

Welcome ranju

College Name

Location

Fees

Courses

Application Link

Contact Number

Nirf Rank

Average CTC

Notable Companies that visit

JEE MAINS RANK CRITERIA

About US

Website Link

[HOME](#)
[Logout](#)

Type here to search

19:47
13-04-2021

After submitting details:

(58) WhatsApp x DASHBOARD FOR COLLEGE x +

127.0.0.1:5000/dashboardcollege

Dashboard for College

Welcome ranju

College Name: ranju

Location: jalpur

Fees: 120000

Email:

Courses: bsc

Application Link : <http://127.0.0.1:5000/dashboardcollege>

Website Link: <https://www.youtube.com/c/Lastmomenttuitions/playlists>

Contact: 8824969031

Nirf Rank: 2

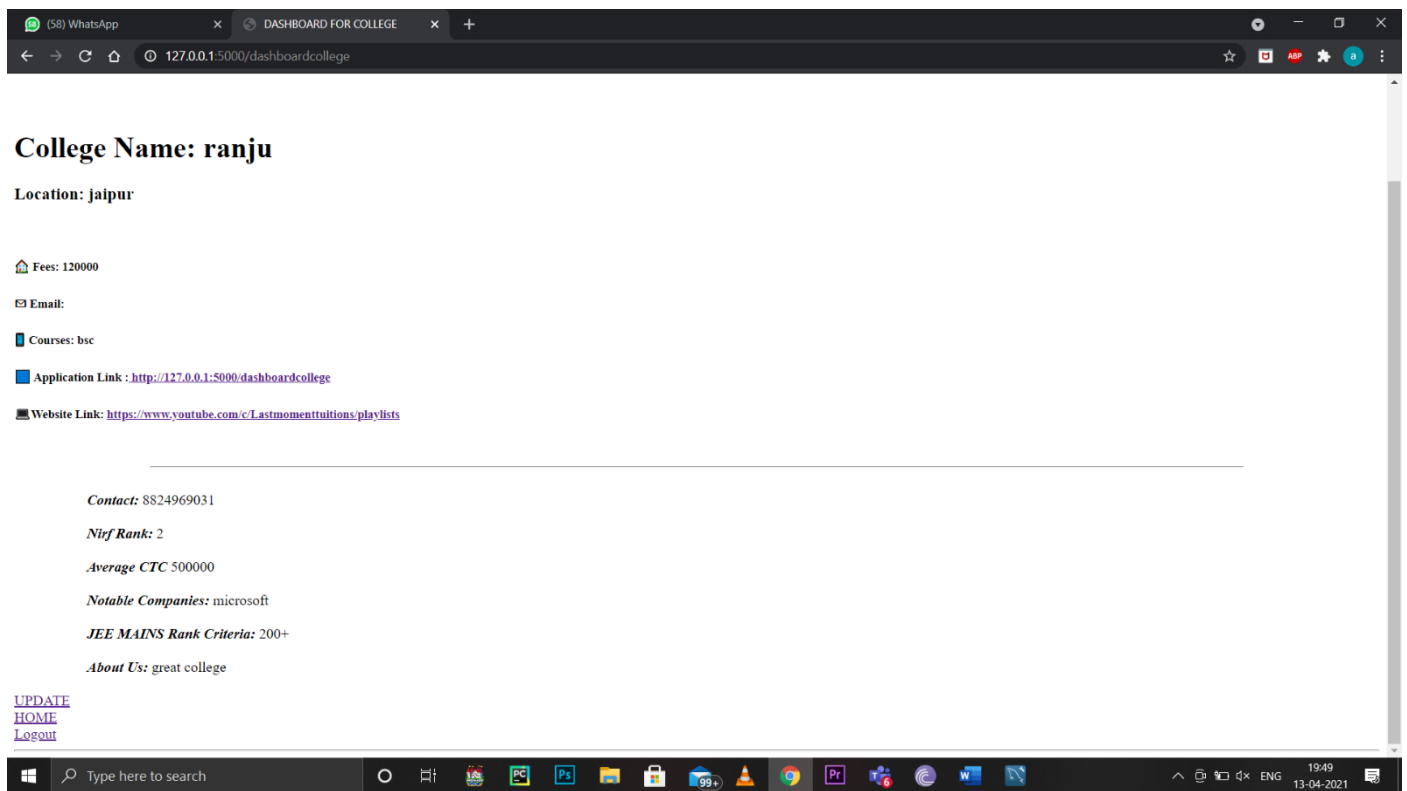
Average CTC 500000

Notable Companies: microsoft

JEE MAINS Rank Criteria: 200+

Type here to search

19:49
13-04-2021



So far, we have made this...the college registration interface...CSS and JS are still to be added. Styling will be done later. As of now the project is connected and well integrated with backend server and replies to the queries, we can register as a college and as a student. Submit college details, the work is expected to be finished between 15-20 days.

Working →

We will use flask framework with MySQL database for our project, this is a multi interface project where two types of users can login: a) the student who wants to check and sort college as per will and b) colleges who can advertise themselves this multi interface is possible with session variables. We have connected the database from frontend using flask_mysqlldb library. Here we have created mysql variable instance which connects and holds the information when the user gives it. In addition to it we have used WTforms for taking user input. For saving the data cursors will be used which will act as a mysql variable which will hold the query on a temporary basis and after execution will release the data by the use of cur.close() method. Further more Get and post methods will be used for taking input from user via user interface. Templating is used which connects the user interface with backend.

ER Diagram

