

# **Q-Project**

## **Project Description:**

In this Project we will get to know how digital marketing is going now a days ,so here the project work on client requirements and perform the tasks accordingly. We have access to admin, user and client , Admin can access both user page and admin page , user only can access to user page whereas same with client ,client also have one access. After taking client requirements user create a campaign and calculate the CPM,CPC and expected cost of given project .And finally we have result in form of graphs.

## **Software Requirements:**

1. Operating System: Windows 8 and above
2. Frontend Technology: Html, CSS, Bootstrap, Java Script
3. Backend Technology: Python (<https://www.python.org/downloads/>)
4. Framework: Django
5. Database: MySQL (<https://www.mysql.com/downloads/>)
6. IDE: VS Code (<https://code.visualstudio.com/download>)

## **Modules should be installed in python:**

1. C:\Users\USER>pip install django
2. C:\Users\USER>pip install mysql.connector
3. C:\Users\USER>pip install mysql
4. C:\Users\USER>pip install pillow
5. C:\Users\USER>pip install matplotlib
6. C:\Users\USER>pip install passlib

## Run the Project:

1. Open Code in Visual studio
2. Open settings.py file and enter your database credentials in DATABASE block and create the database in Mysql with name mentioned in settings.py.

- create database quality ;

```
DATABASES = {  
    'default': {  
        'ENGINE': 'django.db.backends.mysql',  
        'NAME': "quality",  
        'USER': "root",  
        'PASSWORD': "admin",  
        'HOST': "localhost",  
        'PORT': 3306    }  
}
```

3. Go to Terminal > New Terminal
4. Enter command in terminal: `python manage.py makemigrations`
5. Enter command in terminal: `python manage.py migrate`

`makemigrations` and `migrate` are commands that are used to interact with Django models.

- **`makemigrations`**: This command prepares `makemigrations` file for our new model, or creates a new migrations file for any changes if the models have been modified. This command does not create or affect these changes to the database.
- **`migrate`**: `migrate` command runs the instructions defined in the recent migrations file on the database.

5. Enter command in terminal: `python manage.py runserver`

```
PS C:\Users\USER\Downloads\QP5 - Copy (2) (1)\QP5 - Copy> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
May 29, 2023 - 12:11:43
Django version 4.1.3, using settings 'QP3.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
█
```

6. Open the URL in browser and the web application runs in browser.