Software Engineering (CS301)
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Travel Diaries

Group 5

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1 Introduction

The application shall allow users to maintain their own login account and would allow the user to set their privacy levels according to their convenience. As the user logs in to their respective accounts, the application would not only provide the users with the appropriate posts of travel diaries but it will also enable them to upload their experiences in the specific travel diary they intend to. Moreover, they can share their experiences along with their geo-tagged photos on the platform and would help out people in deciding a destination.

2 System Environment

- Development: Android SDK

- Database Management: PostgreSQL

- Server: Django

3 Setting Up Android Studio and server

The website executes on a web server running Django . So before you start using website you need following programs(softwares) installed on computer/system :

- Android Stduio

- Sdk

- PostgreSQL database server

- pgAdminIII

- Django server

Based on the platform, like if you are using **Linux** you have to follow the given procedures:

3.1 Installing Android studio

Go to Android Developer. home page and download according to your environment and follow the instruction .

3.2 Install Django

1. First Install Python

    (a)
    (b) Second level item

i. Third level item

ii. Third level item

    A. Fourth level item

    B. Fourth level item

≫For PostgreSQL we have to install PHP module for PostgreSQL, for that type:

3.3 Install PostgreSQL and Setup Database Server

≫Open Terminal and type the given commands:
    ≫Now type following commands to install Administration tool **pgAdminIII**

3.3.1 Setting up pgAdminIII

≫Open pgAdminIII tool
    ≫Click top-left icon
    ≫A window pops-out
    ≫Fill the entries accordingly
    ≫Once the server is setup then restore the backup file which is included in this software. ≫Backup file will create the database and make all the entries which are required.

3.3.2 Running the server

- We will provide `backup file` for the database.

- In pgAdmin, click on the web server you just created.

- Right click on the Database heading, select New Database and name it IIITV.

- If on the different pc (Note - both pc must be connected to the same network), then find the IP address of the pc in which database is created using `ifconfig` command. After that, in the second pc, open `db_conn.djago` file and in place of `localhost`, type the IP of the first pc. Follow the above steps.