Expense Tracker

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Overview

Expense tracker is a web based application built on django. It allows users to add/ delete/ update their daily or monthly expenses and track them on their dashboard. It gives the flexibility of sorting our expenses by name, cost,image availability and timestamp.

Goals

Build a Web based tool to track daily and monthly expenses of an Individual.

Pre - Requisites (Dependencies)

Install latest version of Python (`pip install python`)

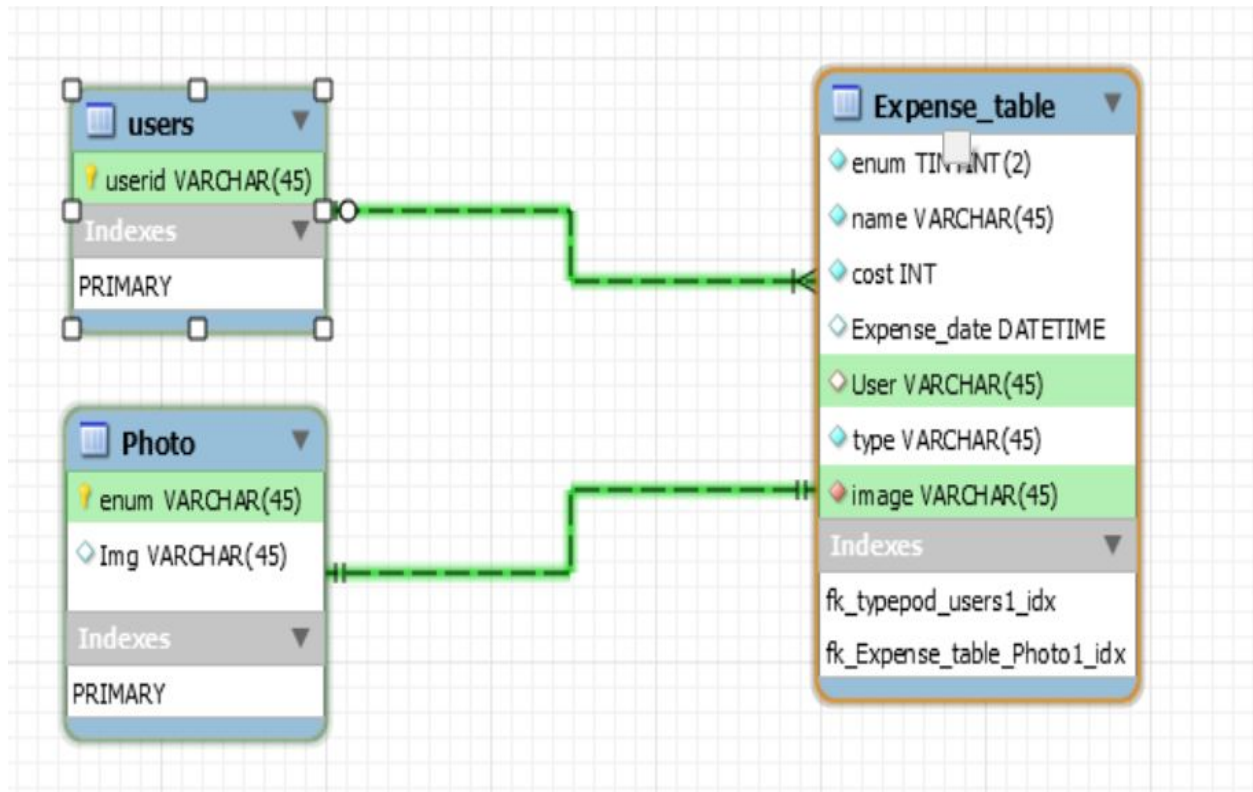Install django (`pip install django`)

Install pillow (`pip install pillow`)

Migrate Database

- Python manage.py makemigration accounts
- Python manage.py migrate

Run Server

- Python manage.py runserver
- http://127.0.0.1:8000/accounts/login/ (open link on browser)

Model

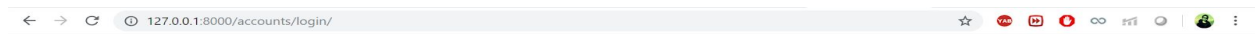We have two table users and Expense_table related with 1:N relationship.

User table is django inbuilt user table.

Expense Table has five fields .

1. Enum is system generated primary key
2. Name is expense name
3. Cost is expense cost
4. Expense_date is timestamp
5. Fkuser is foreign key related with user table

Work Flow

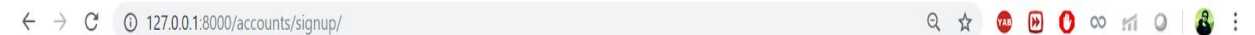**1 Login page :** this is login page for expense tracker . here user can signup and login to the tool.

2 Home page : this is the home page after login. User will be able to add, delete, update his/her expense using this page .user can also sort the expesne list on basis of different fields and also can see total expense.

2 Password reset page :

3 Update page : this is page where user can update their expense.

Expense Tracker

| Home | | | | | shiagrah |

Update Expense

Expense Name : [hair cut]   Cost : [33.0]   /media/images/New_Doc_5_1_2_IVXqjcf.jpg   [Update]

References

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3. https://www.geeksforgeeks.org/python-uploading-images-in-django/
4. https://www.youtube.com/watch?v=tT2JOpfelSg&t=6s
5. https://wsvincent.com/django-user-authentication-tutorial-login-and-logout/