



Expense Tracker

20.04.2019

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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`)

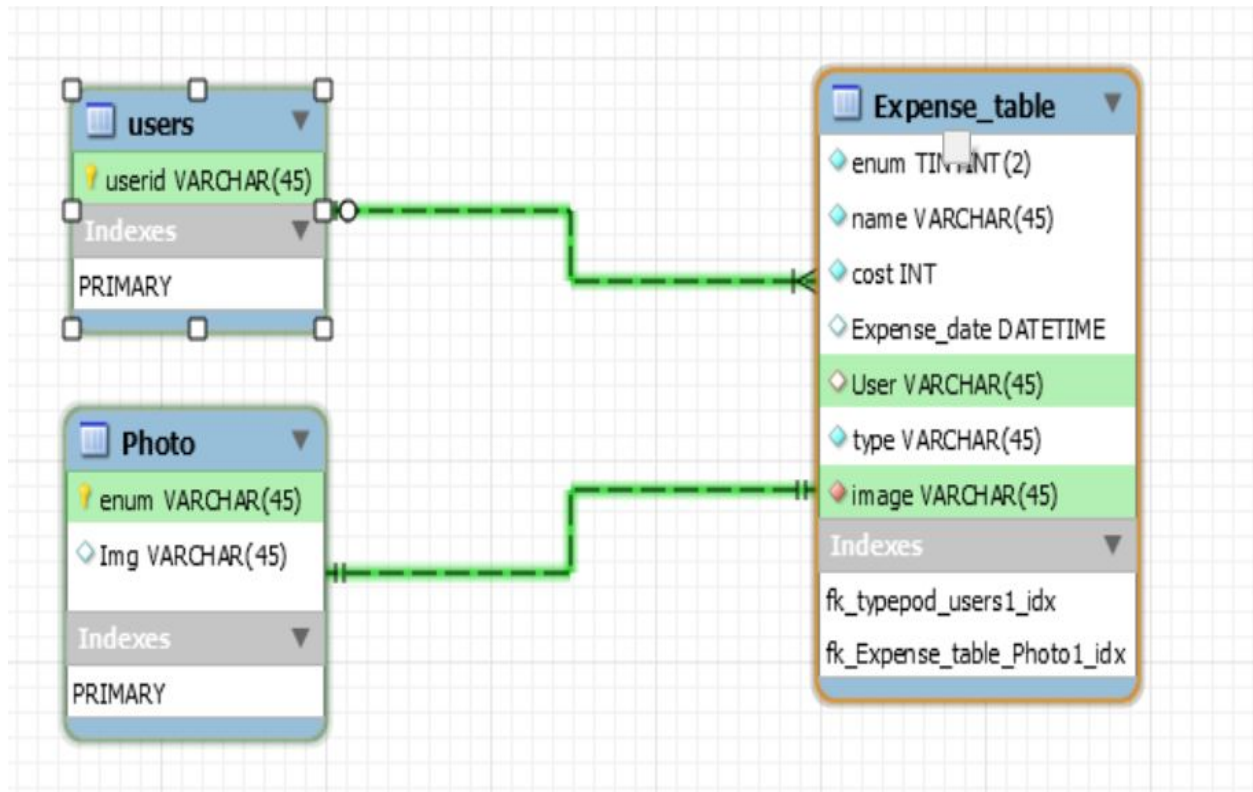
Migrate Database

- 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.

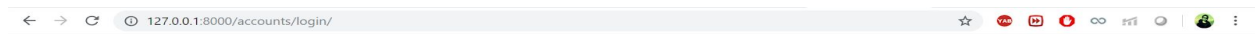
User table is django inbuilt user table.

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.



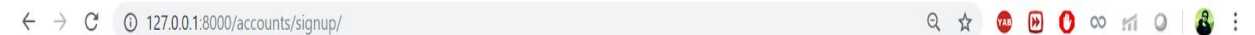
Expense Tracker

Login

Username:

Password:

New to Expense Tracker? [Create New Account](#)



Expense Tracker

Sign up

Username: Required. 150 characters or fewer. Letters, digits and @/+/./_ only.

Password:

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Password confirmation: Enter the same password as before, for verification.

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 expenses list on basis of different fields and also can see total expense.

Expense Tracker

Home
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New Expense

Img: Choose File No file chosen

+

Total Spent Amount ₹ **110.00** /-

Your Expense

S.N.	Name ^v	Date & Time ^v	Cost ^v	photo ^v	Remove	Update
1	hair cut	April 19, 2019, 11:45 a.m.	₹ 33.0 /-	/media/images/New_Doc_5_1_2_IVXqcf.jpg		
2	milk	April 19, 2019, 5:24 p.m.	₹ 77.0 /-	NA		

2 Password reset page :

Django administration

Home > Password change

Password change

Please enter your old password, for security's sake, and then enter your new password twice so we can verify you typed it in correctly

Old password:

New password:

Your password can't be too similar to your other personal information.
 Your password must contain at least 8 characters.
 Your password can't be a commonly used password.
 Your password can't be entirely numeric.

New password confirmation:

CHANGE MY PASSWORD

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

Expense Tracker

Home

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Update Expense

Expense Name :

hair cut

Cost :

33.0

/media/images/New_Doc_5_1_2_IVXqjcf.jpg

Update

References

1. <https://stackoverflow.com/>
2. <https://docs.djangoproject.com/en/2.2/>
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/>