

VMware Tanzu Build-a-Thon (Python Flask Track)

PROJECT REPORT ON PERSONAL EXPENSE TRACKER

Submitted by:

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ABSTRACT

In today's busy and expensive life we are in a great rush to make money. But at the end of the month we broke off. As we are unknowingly spending money on little and unwanted things. So, I have come over with the idea to track our earnings. Personal Expense Tracker (PET) aims to help everyone who are planning to know their expenses and save from it. PET is an website which users can execute in their mobile phones as well as in laptops and update their daily expenses so that they are well known to their expenses. Here user can define their own categories for expense type like food, clothing, rent and bills where they have to enter the money that has been spent and also can add some information in additional information to specify the expense. User can also define expense categories. User will be able to see graph of expense. Although this website is focused on new job holders, interns and teenagers, everyone who wants to track their expense can use this web app.

Every day Personal Expense Tracker System is intended to monitor Income-Expense of a Housewife on an everyday premise. Initially users need to create new account and after that they can start using the app. Users can set the limit of expense per month and if the limit exceeded , users will be notified through registered email. They can update the limits and they can also view their previous expenses and expense graph. After adding new expense, the amount will be deducted from the wallet and available amount will be displayed.

INTRODUCTION

In simple words, personal finance entails all the financial decisions and activities that a Finance app makes your life easier by helping you to manage your finances efficiently. A personal finance app will not only help you with budgeting and accounting but also give you helpful insights about money management.

Personal finance applications will ask users to add their expenses and based on their expenses wallet balance will be updated which will be visible to the user. Also, users can get an analysis of their expenditure in graphical forms. They have an option to set a limit for the amount to be used for that particular month if the limit is exceeded the user will be notified with an email alert.

Software Requirement Specifications

Operating System : Windows

Browser: Google Chrome browser is recommended

Languages : **Front End**: HTML, CSS, BOOTSTRAP

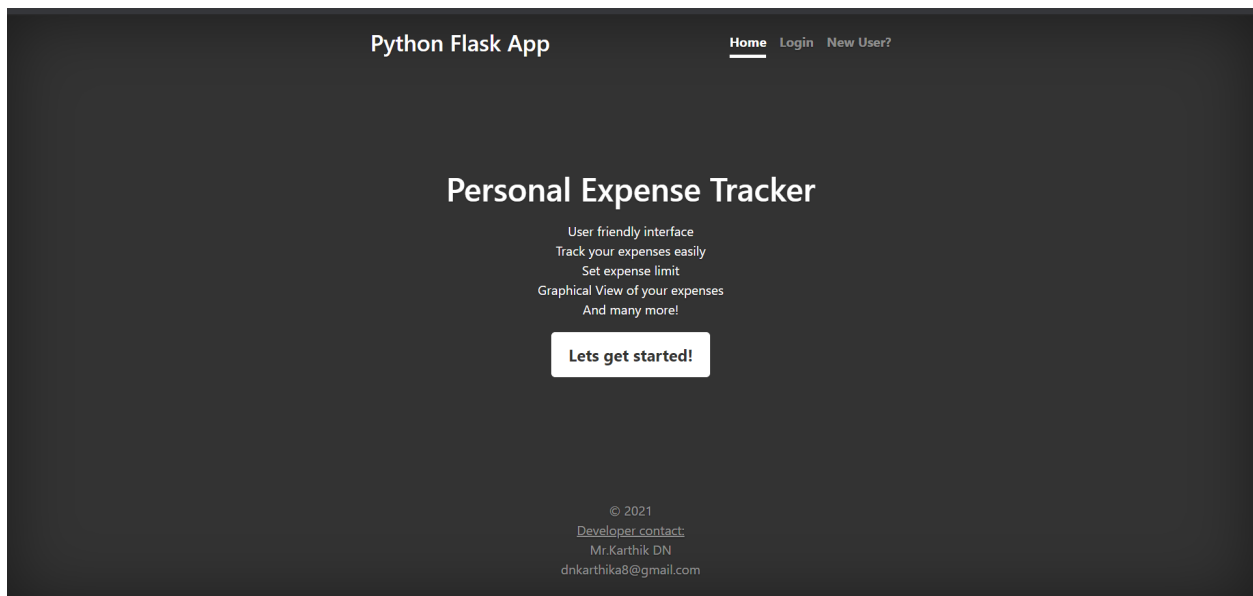
Backend: Python Flask

Database: Remote MySql database

Advantages

1. User friendly interfaces
2. Track your expenses easily
3. Set expense limit
4. Graphical view of expenses

Screenshots



Personal Expense Tracker

Login Page

Login or create new account from here to access.

User Name

Password

Login

Go Back

Forgot password? Don't worry [Reset here](#)

Don't have an account? [Create Account](#)

Reset your password

Email:

submit

Enter OTP:

Verify

Go Back

Reset Your Password (dnkarthika8@gmail.com)

Hello dnkarthika8@gmail.com ,You can now change your password

Email:

dnkarthika8@gmail.com

New Password:

Enter new password

Confirm Password:

Enter again

Reset

Login



Welcome! Check your expenses and balence

Hi dnkarthika8@gmail.com ,
Available balance 1485

Logout

Add an expense

Purchase history

Expense graphs


Update wallet


Add/Update Limit

View Limit per month

Hi, dnkarthika8@gmail.com , add your expenses.

Email:
dnkarthika8@gmail.com

Date:
dd-mm-yyyy 

Category:
Food 


Amount paid:
Amount Paid in Rupees


Add Expense

Back

Hai dnkarthika8@gmail.com,
Check your expenses of any month.

Email:
dnkarthika8@gmail.com

Select month:
1 

Select year:
2000 

Get details

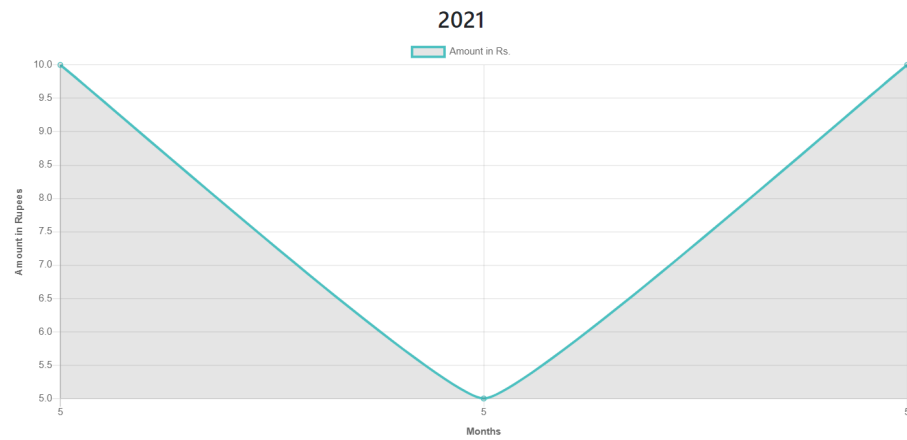
Go Back

MONTH	YEAR	AMOUNT(Rs)	CATEGORY
5	2021	10	Food
5	2021	5	Stationaries

Select year:
2000

Generate Graph

Go back



Hello dnkarthika8@gmail.com
Add budget to perticular month

Email:
dnkarthika8@gmail.com

Select month:
1

Select year:
2000

Budget in Rs. :
Enter budget in rupees

UPDATE BUDGET

Go Back

Expense Limit per Month (dnkarthika8@gmail.com)

Email:

dnkarthika8@gmail.com

Year:

2000

Get details

Back

YEAR	MONTH	Limit(Rs)
2021	5	500

CONCLUSION

After making this application I assure that this application will help its users to manage the cost of their expenditure. It will guide them and aware them about there monthly expenses. It will prove to be helpful for the people who are frustrated with their daily budget management, irritated because of amount of expenses and wishes to manage money and to preserve the record of their daily cost which may be useful to change their way of spending money. In short, this application will help its users to overcome the wastage of money.

REFERENCSE

- ✓ <https://www.w3schools.com>
- ✓ <https://www.stackoverflow.com>
- ✓ <https://youtube.com>

