

Finance Canvas



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Project vision

Finance Canvas is an innovative finance tracker designed to empower users with robust financial management tools. The application seamlessly integrates key features to streamline budgeting, enhance financial visibility, and facilitate informed decision-making.

Technologies/Frameworks used:

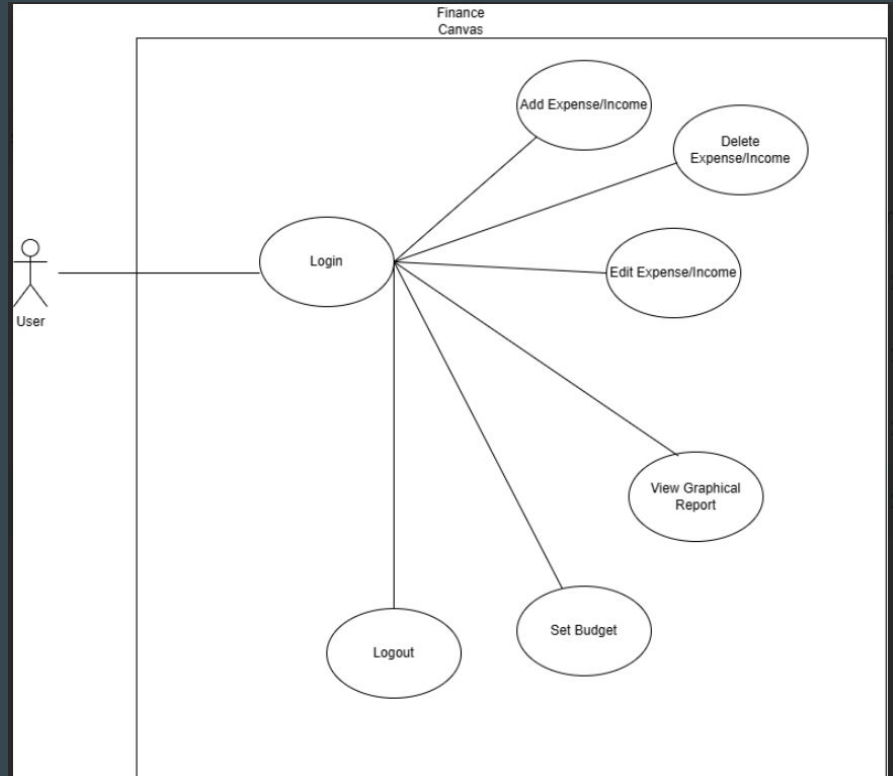
1. Python
2. Flask
3. SQLite3
4. HTML/CSS
5. Bootstrap

Features:

- User Registration and Authentication
- Adding, editing and deleting finances
- Responsive design
- Setting Budget to manage expenses

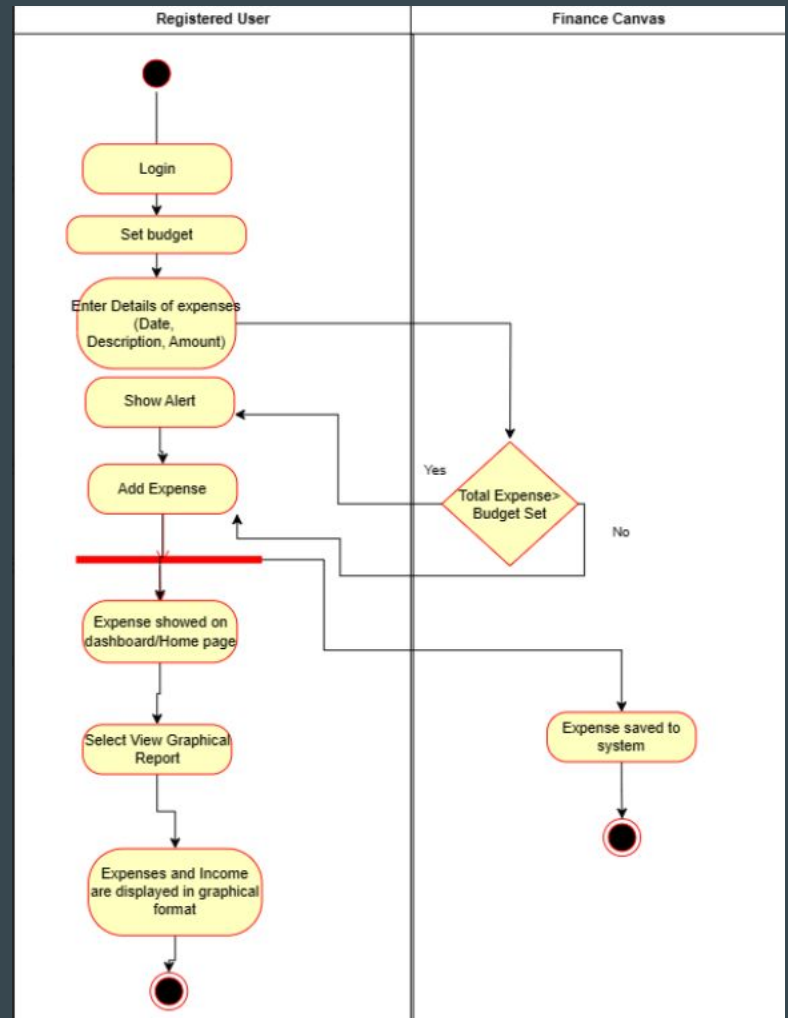
Requirements - Use Case Diagram

- This use case diagram is a graphical depiction of a user's possible interaction with Finance Canvas.



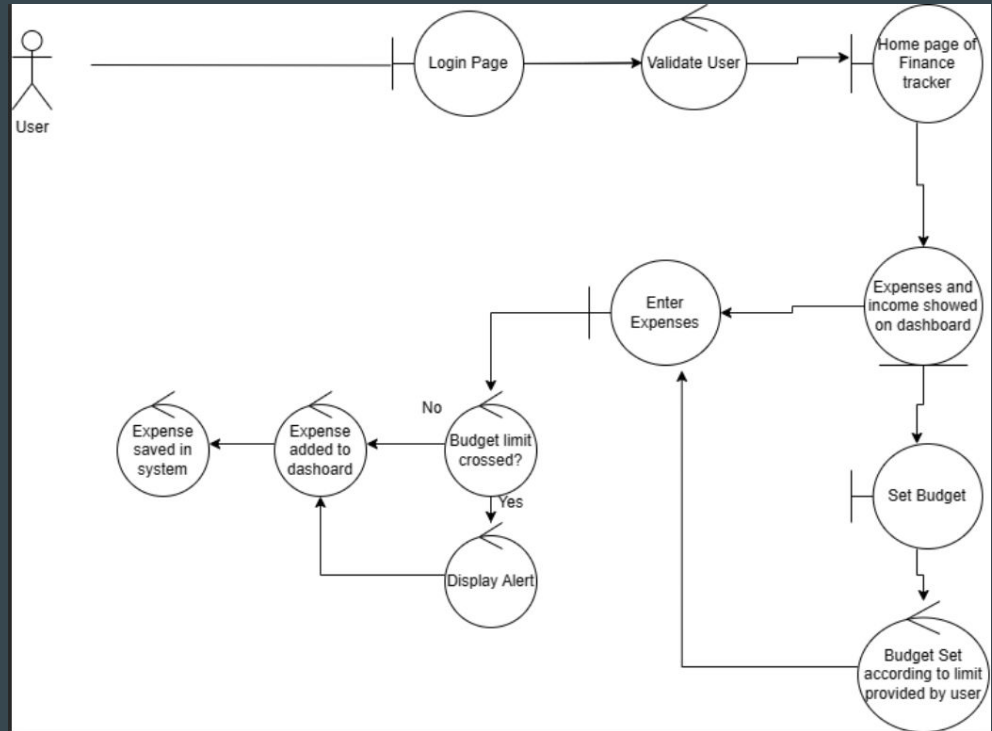
Requirements - Activity Diagram

- This diagram is a graphical representation of Entering Expenses and viewing graphical report activity.



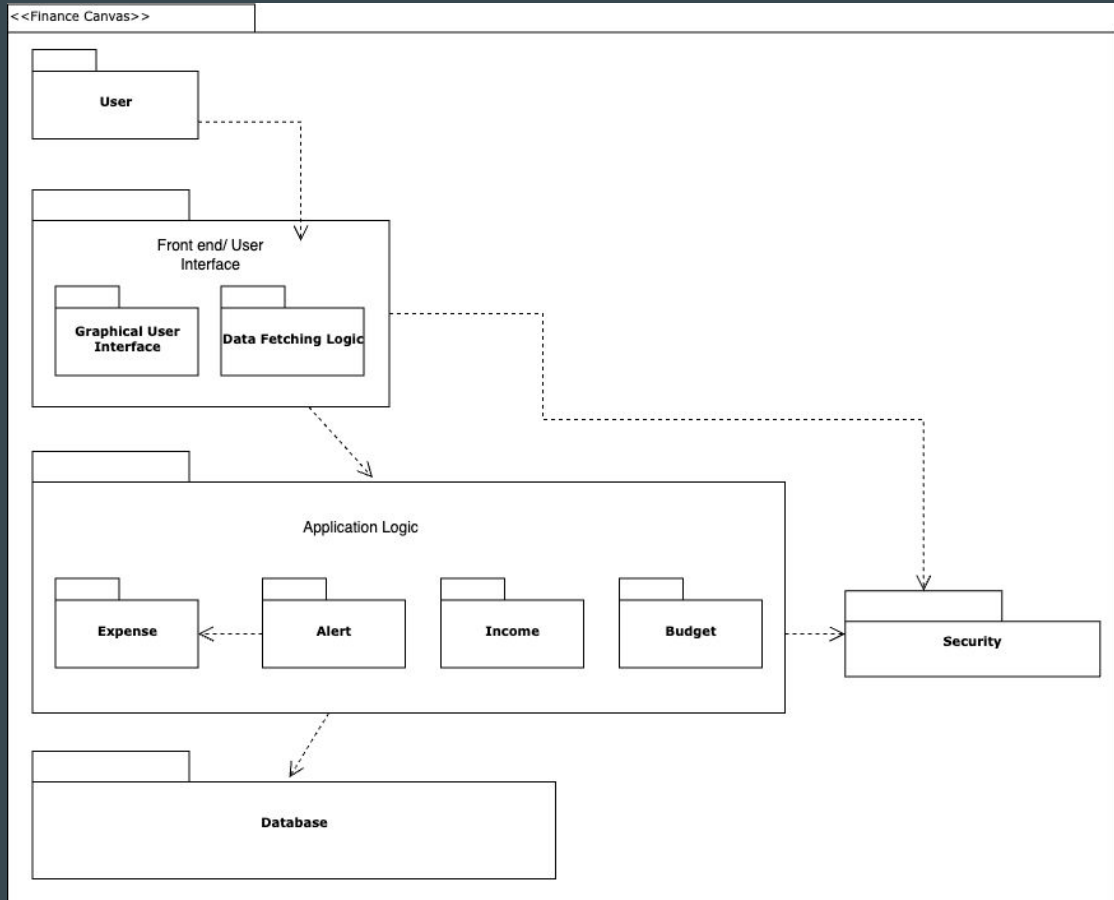
Analysis model (Robustness diagram)

- This Robustness diagram focuses on the high level functionality of the finance tracker and help to visualize how the Finance Canvas will respond when user Sets Budget and enter expenses.

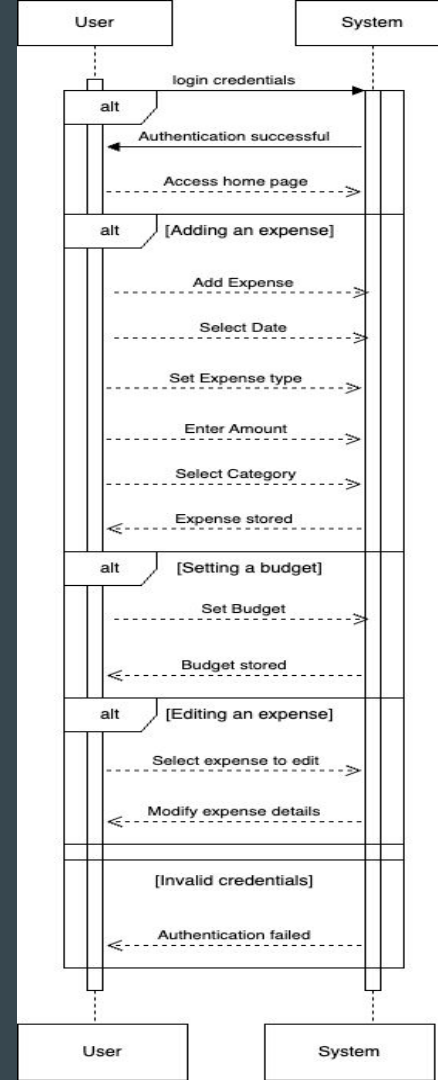


Architecture model - Package Diagram

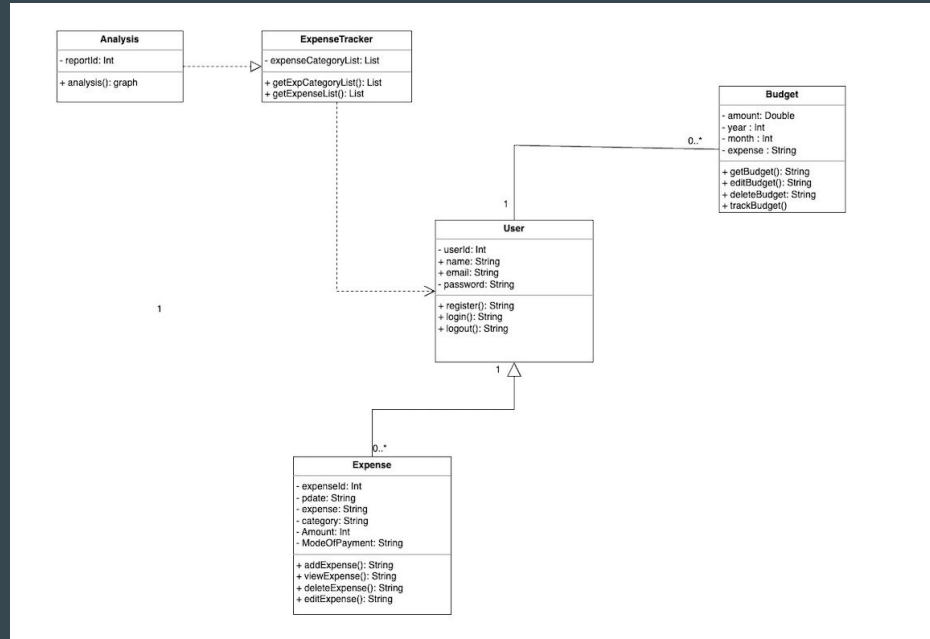
- It is a structural diagram used to show the organization and arrangement of various model elements in the form of packages.



Design model - Sequence diagram



Design model - Class diagram



Project Demo - Login page

Finance Canvas

Take charge of your finances with advanced expense tracking and visualization capabilities

Email

saloni.mittal@gwu.edu

Password

Login

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Project Demo - Home page

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Logout

Total Earnings
\$ 3.0K

Total Spending
\$ 1.59K

Total Investments
\$ 33

Total Savings
\$ 300

Remaining Balance for This Month
\$ 0

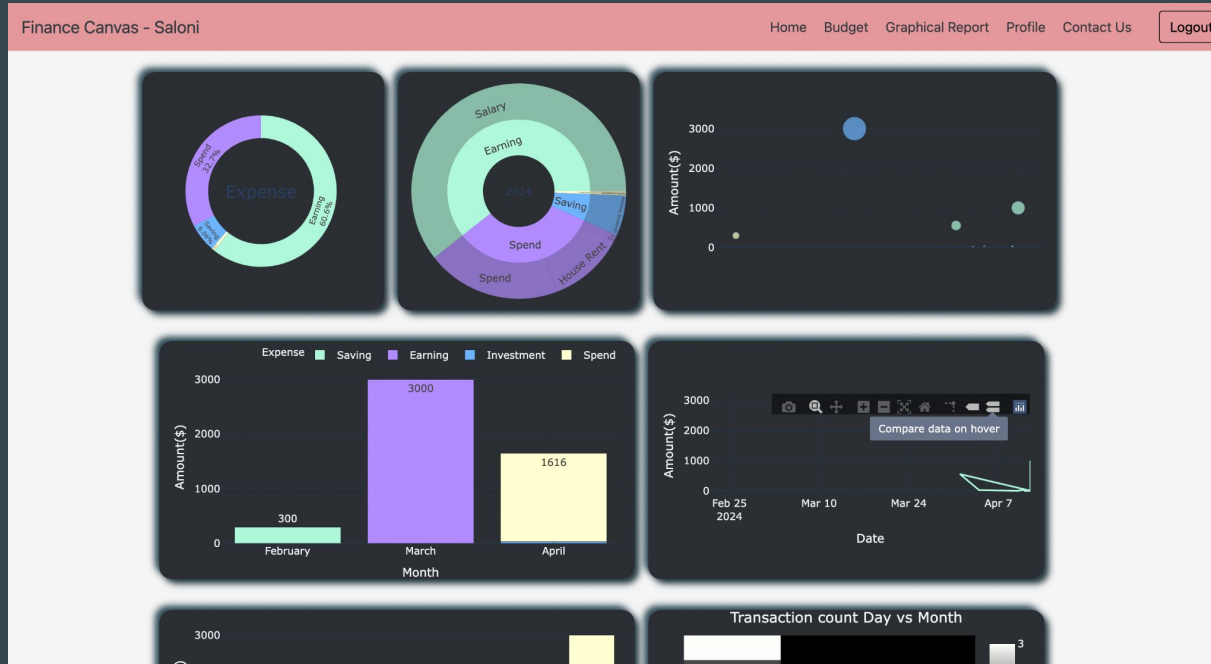
Expense Records

New Record

#	Date	Expense	Amount	Note	Actions
1	2024-04-12	Spend	1000	Spend	<div>Delete</div> <div>Edit</div>
2	2024-04-12	Spend	1	Spend	<div>Delete</div> <div>Edit</div>
3	2024-04-12	Spend	4	Saving	<div>Delete</div> <div>Edit</div>
4	2024-04-11	Spend	1	Spend	<div>Delete</div> <div>Edit</div>
5	2024-04-10	Spend	1	Spend	<div>Delete</div> <div>Edit</div>
6	2024-04-06	Investment	33	Dividend Income	<div>Delete</div> <div>Edit</div>

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Project Demo - Graphical report page



Project Demo - Budget page

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Home

Budget

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Logout

Budget Records

New Budget

#	Year	Month	Amount	Expense Type	Actions
1	2024	4	350	Spend	<div>Delete</div> <div>Edit</div>

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Home

Budget

Graphical Report

Add New Budget

Enter Year

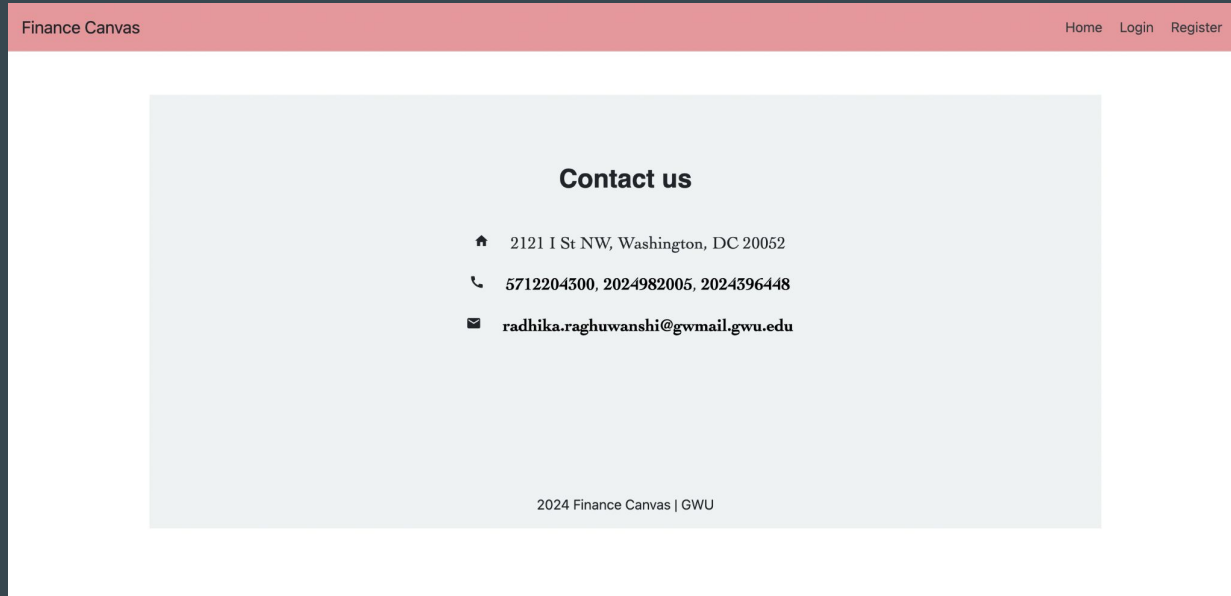
Enter Month

Enter Amount

Select Expense Type...

Submit


Project Demo: Contact Page



Project Demo: Profile page

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Saloni
saloni.mittal@gwu.edu

Profile Settings

Full Name

Email

Save

Future enhancements:

- Advance User Profiles
- Expense Reminders and Notifications
- Multiple Currency Support

Thank You!