

Tentpole Solution Documentation

Proposed System Description

The system takes in the customer name, surname, date of birth, and an excel file that contains customer financial information. The system then renders a graph showing customer expenditure per month over the year. The excel file uploaded by the user is also rendered in form of a table to act as a reference point. The user can choose to download the graph generated in different formats by clicking the menu bar. The information and the excel file captured are stored in an SQLite database the original Django database. The system use cases are described as:

System Users Stories

1. As a user I must be able to capture customer names so that the excel file uploaded is associated with the name in the database.
2. As a user I must be able to upload an excel file so that the system can capture information to render on the browser.
3. As a user after I click the button (View Customer Financial Report) I must be able to see the plot generated so that I infer certain decisions.
4. As a user after I click the button (View Customer Financial Report), I must be able to see a table containing customer financial data so that I infer decisions in conjunction with the graph rendered.
5. As a user, if I upload a file that is not an excel file the system must not allow me to proceed
6. As a user(admin) I must be able to see all customers whose data was captured by the system using the admin panel.
7. As a user, I must be able to print or download the graph generated when I press the menu bar symbol in the plot
- 8.

All the system use cases are initiated by the user.

Physical View

