Project Deliverables

Requirements

☐ **User management.**

    ☐ Register new user.

    ☐ Login.

    ☐ Change password.

    ☐ Recover lost password.

☐ **Household management**. Households will be used to aggregate budget data for a group of users.

    ☐ Households should have a name, description, date created and date updated.

    ☐ **Registered** users should be able to create as many households as they want.

    ☐ The **owner** of a household should be able to edit the household information.

    ☐ The **owner** of a household should be able to invite users by e-mail to participate in their households. Invited users need to be already registered in the application.

    ☐ The **owner** of a household should not be able to leave the household. Instead, they can delete the household.

    ☐ **Registered** users should be able to join households they were invited to.

    ☐ **Registered** users should be able to view a list of users belonging to a household they participate.

    ☐ **Registered** users should be able to leave households they belong to.

☐ **Categories management**. Categories will be used to organize transactions.

    ☐ Categories should have a name, description, date created and date updated.

    ☐ Categories should be created per household. One household can have many categories.

    ☐ The **owner** of the household should be able to create categories.

    ☐ The **owner** of the household should be able to edit categories.

    ☐ The **owner** of the household should be able to delete categories.

    ☐ **Registered** users should be able to view a list of all categories belonging to a household they participate.

☐ **Bank Account Management.** Bank accounts will be used to organize budget data.

   ☐ **Bank accounts should have a name, description, date created, date updated and balance.**

   ☐ **Bank accounts should be created per household. One household can have many bank accounts.**

   ☐ **The owner of the household should be able to create bank accounts. When creating a new bank account, the balance should be set to 0.**

   ☐ **The owner of the household should be able to edit bank accounts.**

   ☐ **The owner of the household should be able to delete bank accounts.**

   ☐ **Registered users and owners should be able to view a list of all bank accounts belonging to a household they participate.**

   ☐ **The balance of bank accounts cannot be updated manually. The system needs to have a functionality to update the balance of a given bank account by calculating all the transactions associated with that account. Only owners should be able to use this functionality.**

☐ **Transaction Management**. Transactions will be used to organize budget data.

   ☐ **Transactions should have a title, description, date, amount, category, date created and date updated.**

   ☐ **Transactions should be created per bank account. One bank account can have many transactions.**

   ☐ **There should be a functionality to void transactions. Voided transactions still show up in the system but are not considered for the account balance.**

   ☐ **Registered users and owners should be able to create transactions against accounts for households they participate.**

   ☐ **Registered users should be able to edit transactions they have created. Household owners should be able to edit any transactions belonging to households they own.**

   ☐ **Registered users should be able to delete transactions they have created. Household owners should be able to delete any transactions belonging to households they own.**

   ☐ **Registered users should be able to void transactions they have created. Household owners should be able to void any transactions belonging to households they own.**

   ☐ **Registered users and owners should be able to view a list of transactions belonging to a bank account of a household they participate.**

   ☐ **Every time there is a change in a transaction make sure to re-calculate the balance of the account properly.**