Front End Design

▼ Login Page

- links
  - if login success
    - Main Menu Page
  - else
    - Login Page (try again)
    - Register Page

▼ Register Page

- features/data
  - first name
  - last name
  - email
  - type unique username
  - type password
  - type password again (validation)
- links
  - if register success
    - Login Page
  - else
    - Register Page (try again)

▼ Main Menu Page

- features/data
  - list of accounts (unique account id, account name, account type, current balance)
    - unique account id from the <u>database</u> > expose to user in case they make multiple accounts with identical account names
    - account types: checking, savings
- links
  - Selected Account Info Page (when user selects an account from the list of accounts)
  - NavBar > Create Account Page
  - NavBar > "Transfer Money" (Deposit/Withdraw/Transfer Page with transfer operation pre-selected)
  - NavBar > "Logout" (Login Page)
  - NavBar > Main Menu Page
  - (Bonus Features) Settings Page

▼ Selected Account Info Page
- features/data
  - unique account id
  - account name
  - account type
  - current balance
  - transaction history
    - time of transaction
    - amount debited/credited
    - source
    - custom transaction description

- - balance after transaction
  - links
    - Deposit/Withdraw/Transfer Page

- ▼ Deposit/Withdraw/Transfer Page
  - features/data
    - if coming from Create Account Page (create account success)
      - pre-select destination account drop down list with the newly created account
    - if coming from NavBar (user selected "Transfer Money")
      - pre-select transfer operation
    - else
      - select operation > deposit, withdraw, transfer
        - if user selects deposit or withdraw
          - force source account list blank or not visible
          - select destination account from drop down list (display unique account id, account name, account type)
          - type amount
          - enter custom transaction description
        - if user selects transfer
          - select source account from drop down list (unique account id, account name, account type)
          - select destination account from drop down list (unique account id, account name, account type)
            - exclude selected source account from this list
          - type amount
          - enter custom transaction description

- links
  - if no overdraft (transfer success)
    - Main Menu Page
  - else
    - Deposit/Withdraw/Transfer Page (try again)

▼ Create Account Page

- features/data
  - create account
    - select account type
    - type account name
- links
  - if create account success (set initial balance = 0)
    - Main Menu Page
    - Deposit/Withdraw/Transfer Page
  - else
    - Create Account Page (try again)

▼ (Bonus Features) Settings Page

- Dark Mode
- Reset Password
- User Profile