LOGIN/SIGNUP Flowchart

- Click on FiscalOptima link
- User Exists
  - Yes → Type email → Type password → Authenticate → Home Page
  - No → User signup
- User exists in database?
  - No / Yes
- FO Database
- Home Page

Home Page

- User enters homepage of FiscalOptima web application
- Choose menu options
- Account History
  - Yes → FO Database → Retrieve transaction data → Display all the transaction data
  - No
- Payments Made
  - Yes → User enters transaction details → Pay button
    - No
    - Yes → FO Database → Update Database → Add another transaction?
      - No
      - Yes
  - No
- Payments Recieved
  - Yes → User enters transaction details → Received button
    - No
    - Yes → FO Database → Saves in database → Add another transaction?
      - No
      - Yes
  - No
- Transactions
  - Yes → Chose sub menu options
    - Add
      - Yes → Add transaction details → Enter purchased/sold quantity → Enter price/quantity → Calculate total price → Generate invoice
        - Yes → Display invoice
        - No
      - Submit button
        - No
        - Yes → FO Database → Saves in database
      - No
    - Modify
      - Yes → Modify specified existing transaction data → Submit button
        - Yes → FO Database → Exists?
          - Yes → Update Database
          - No
        - No
      - No
    - Delete
      - Yes → Delete specified existing transaction data → Submit button
        - Yes → FO Database → Exists?
          - Yes → Update Database
          - No
        - No
      - No
  - No
- Monthly Statement
  - Yes → Enter month → Enter year → FO Database → Retrieve from Database → Display information
  - No
- About
  - Yes → Display information about FiscalOptima
  - No
- LOGOUT
  - No
  - Yes → Go to login page