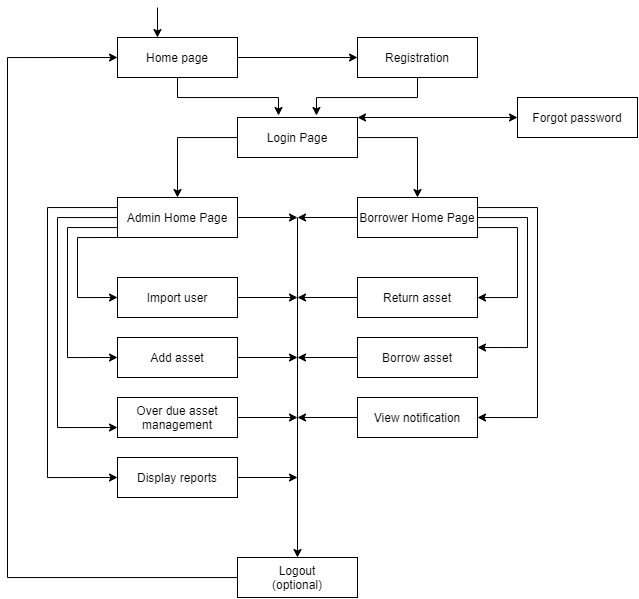
**Database Design (Tables and their columns) =>**

1. User
   * 1. Userid
     2. Username
     3. Name
     4. Phone number
     5. Email
     6. Last login time
2. Authentication
   * 1. Userid
     2. Password
     3. Role [Admin/Borrower]
3. Category
   * 1. Category Name
     2. Lending period
     3. Ban Period
     4. Fine/day
4. Asset
   * 1. Asset id
     2. Category name
     3. Subcategory
     4. Feature description
     5. Date Added
     6. Is Available
5. Borrow
   * 1. Transaction id
     2. User id
     3. Asset id
     4. Issue date
     5. Due date
     6. Return date
     7. Borrow status [Open/Close/Pending]
6. Over Due Transactions
   * 1. Transaction id
     2. Ban start Date
     3. Is Fine Paid
     4. Is Ban Finished

**Beans (POJO and their variables with types) =>**

1. User
   * 1. Userid - int
     2. Username – String
     3. Name - String
     4. Phone number - String
     5. Email - String
     6. Last login time - Date
2. Authentication
   * 1. Userid - int
     2. Password - String
     3. Role - Enum [Admin/Borrower]
3. Category
   * 1. Category Name - String
     2. Lending period - int
     3. Ban Period - int
     4. Fine/day - int
4. Asset
   * 1. Asset id - int
     2. Category name - String
     3. Subcategory - String
     4. Feature description - String
     5. Date Added - Date
     6. Is Available - Boolean
5. Borrow
   * 1. Transaction id - int
     2. User id - int
     3. Asset id - int
     4. Issue date - Date
     5. Due date - Date
     6. Return date - Date
     7. Borrow status - Enum [Open/Close/Pending]
6. Over Due Transactions
   * 1. Transaction id - int
     2. Ban start Date - Date
     3. Is Fine Paid - Boolean
     4. Is Ban Finished - Boolean

**Webpages =>**

****