# Library Application

**Sprint-1:** Setup required for managing a Library application, to be used by an end-user as an app (or web-page).

* Manage the header functions
  + Login Management
  + Wallet Management
  + Booking Management
  + Profile Management
* Upon clicking on login button or any button that requires the customer to be logged-in
  + open the login/register page
  + enable logging-in [user-id, password, OTP (if applicable)]
  + upon successful login, redirect to the page intended
  + upon failure, redirect to exception processing (retry, forgot password or register)
* Upon clicking the Profile Management Button
  + Show the personal information collect and allow options for editing (name, address, DoB, current password, preferences)
  + Mandate upload option for id proof (and/or address proof) for name, DoB and address changes.
  + Upon saving show the updated details (indicating the fields pending KYC approvals)
* Upon clicking the Wallet Button
  + display the current wallet balance and the save source of funds
  + allow funding of wallet from saved details
    - Savings Account
    - Credit Card
  + provide option to fund from a new source and save details
  + display the updated wallet balance
* Upon clicking the Bookings Button
  + Show the previous Bookings and for each item in the list, provide options to
    - click and view additional information (author, genre, due-date, etc.)
  + allow an option to make a new Booking (temporarily disabled [under construction) – enabled for Sprint-2]
  + allow the option to edit the current Booking to extend the due-date (temporarily disabled [under construction) – enabled for Sprint-2]

**Sprint-2**: Payment from wallet should be enabled for purchases.

* Manage Booking
  + Upon clicking to make a new Booking or edit the current Booking
    - Show parameters for search for selection (author, genre, date-available, etc.)
    - Upon entering the parameters, allow search
  + Upon displaying results
    - Allow clicking on item to show more details (display description, author, genre, date-available, etc.)
    - Add to Booking and ask if more items need to be Booked
    - Extend a current booking if the book is available
  + Upon return of an Book, close the tab and pay Bill, allowing payment from
    - Wallet
    - Savings Account
    - Credit Card
  + If the wallet does not have sufficient funds, allow partial billing of the remaining amount from other sources
  + Upon completion of the payment, provide an option give feedback on the content, story-line, etc.
  + Note: Need to handle the scenarios where the books have not been returned on time, but another user has requested for the same