Library System

User should first sign up (entering name, phone number) for security reasons

The users information will be stored in the database

* User
  + - Logs in as Customer
      * + Anything to do with a book

Book can be previewed

Location of the book in the library (e.g. E12)

Borrow the book

Give a review of the book

* + - * + Anything to do with a newspaper

Search newspaper based on the date

Search newspaper based on publisher

* + - * + Anything to do with a printer(may be complicated since we might have to connect it to the printer)

Print paper/papers

Copy paper/papers

Scan

* + - * + Sign up for a library member ship
    - Logs in as Employee
      * Books in the library
        + Order books
        + Input details of a book
        + Edit details of a book
        + Input details of borrow books
        + Can see borrow books and their details
        + Can add a employee review of a book
        + Can see amount of a specific book
      * Newspapers
        + Search for newspaper based on date, title or publisher
        + Add a newspaper and it’s details
        + See what user is/has viewed it
      * Printer
        + Connect the printer
        + Print papers
        + Scan Papers
        + Copy papers
    - Logs in as Higher position then most employees like a manager
      * Edit details of the library like name and location and etc.
      * Edit employee list and their details
      * See employee log in date ,time and hours
      * Do anything an employee can

This is just rough idea of what it does so u can add or remove some stuff or make ur own based on this. We will put this ideas together to make a proper uml diagram but there are some ideas that seem complicated to add but we will discuss that .