

Design Document

BookBridge

10/29/24

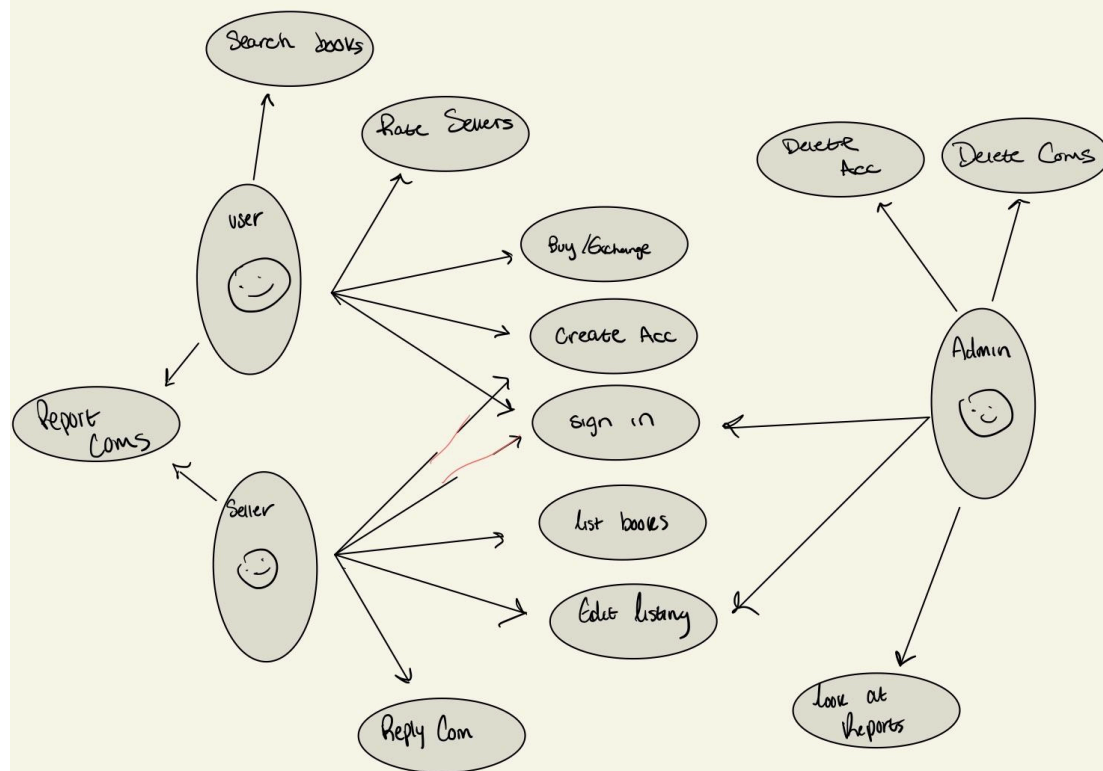
Version 1

Jonathan Sao, Ganiyu Ibrahim, Mogoi Matongo

1. Project Overview

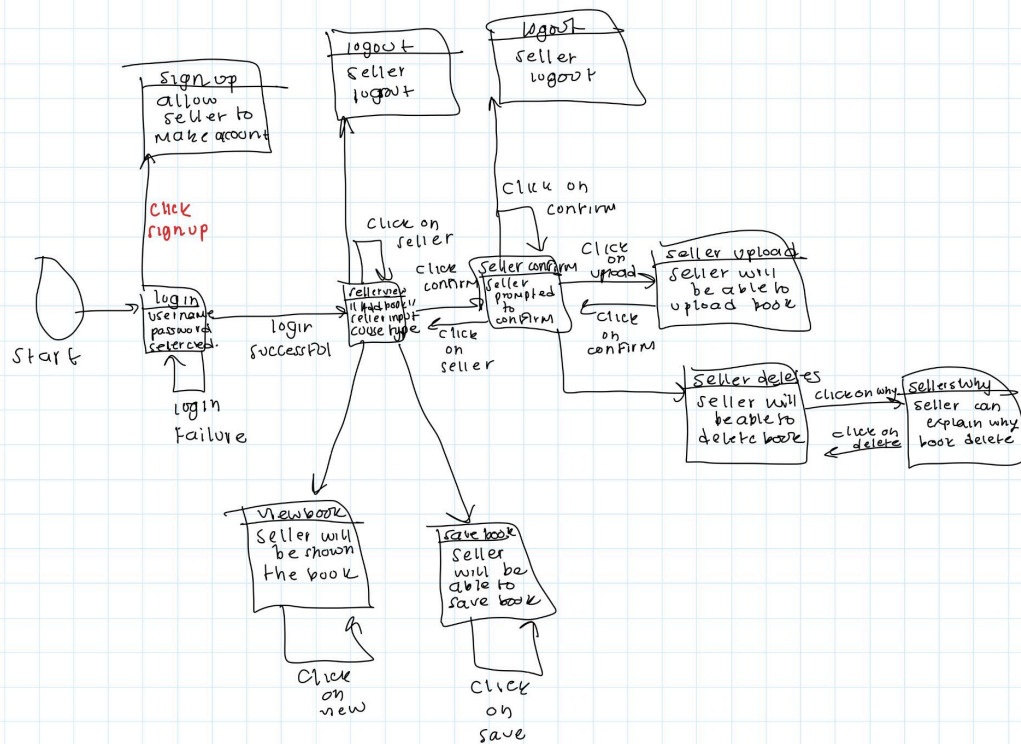
The goal of BookBridge web application is to connect users with textbook materials and to provide an interactive method where students can talk to each other to exchange books or sell it to one another. Users are provided with a search application to help them find the books that they are looking for. Sellers may have the book that the user is looking for so they'll be able to contact and sell books. Users can also rate the seller and leave comments on the seller for others to see. Admins are responsible for content moderations and users/sellers.

2. Use-Case Model



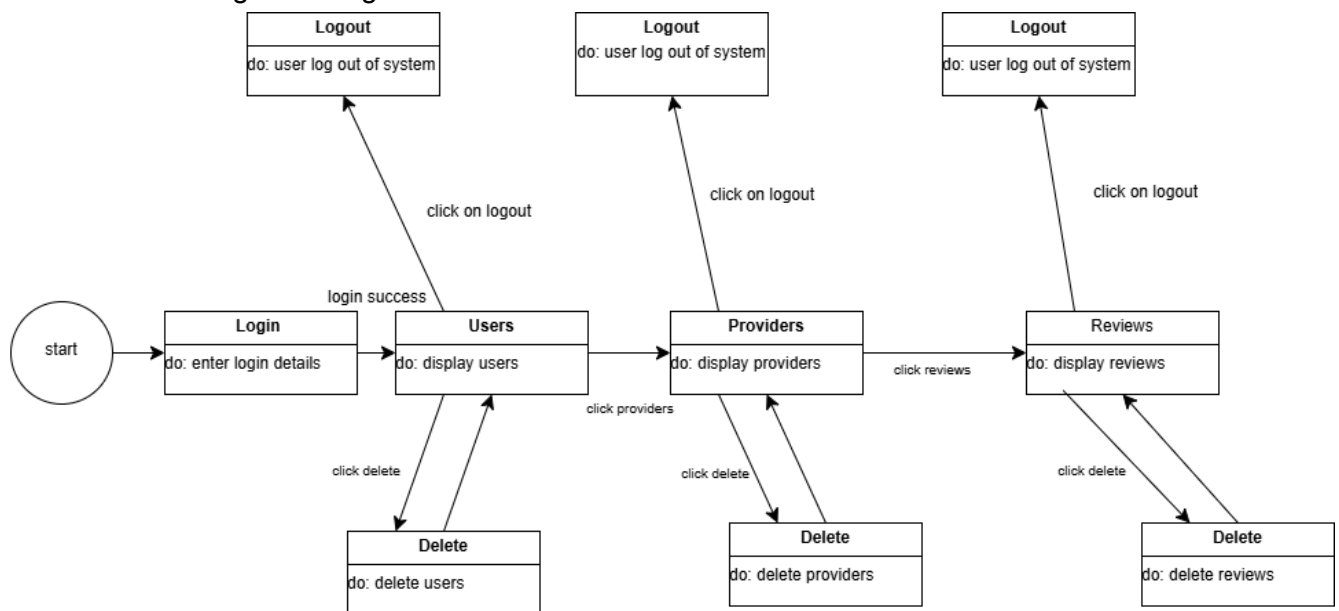
Seller design scheme

Seller Design document CSC 340
state machine diagram
Seller - Chan Yu



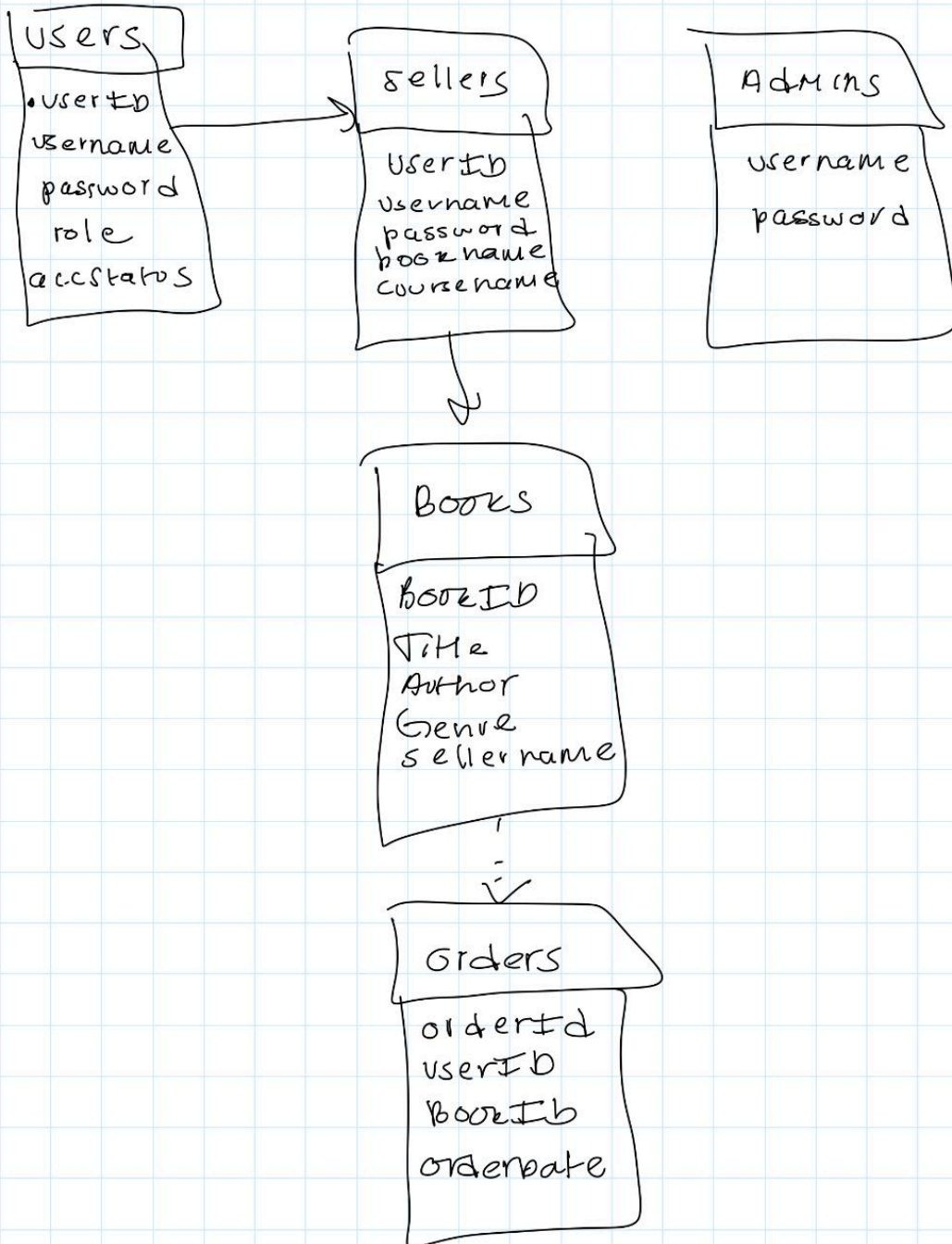
3. State Machine Diagrams

- a. User - Jonathan Sao
- b. Seller - Ganiyu Ibrahim
- c. Admin - Mogoi Matongo



4.Database Schema

Database schema



Software architecture

5. Software Architecture - MVC

Software architecture
would look something like this
(can change)

book-bridge

- /models

- user.js
- seller.js
- Book.js
- order.js

- /views

- login.html
- signup.html
- mybook.html
- profile.html
- logout.html

- /controllers

- controller user.js
- controller seller.js
- admin controller.js
- Book controller.js

- /routes

- user route.js
- controller route.js
- admin route.js
- Book controller route.js
