PROJECT : ONLINE BOOKSTORE

A simple project for an online bookstore implementing following features :

(Online evaluation for course semester-project of Java Full-Stack Programming)

1. A simple authentication system
2. Book Inventory
3. Book Purchase
4. Renting Books [* OPTIONAL]
5. Payment Gateway [* OPTIONAL]

TECHNOLOGY STACK

Front-end : HTML/CSS/JS
Back-end : Java [Rest API + Server]
Database : MySQL
Auth : Normal (Auth Tokens - if time constraint decreases)

TEAM COMPOSITION

1. Aditya Thakur [Backend]
2. Harsh Srivatsava [Frontend *]
3. Tanisha Bansal [Frontend]
4. Shivangi Yadav [Frontend]

DBMS DESIGN

Table Schemas :

1. *USERS*

UUID *	Email	Password	Registered	Last_Login	Last_Activity
{ OPTIONAL }	User Credential [PRIMARY]	User (Private) Credential	TIMESTAMP	TIMESTAMP	TimeStamp with Activity [FOREIGN]

2. *LOGS*

Activity_Name	Activity_Time	Email
VARCHAR(8,40) [CANDIDATE]	TIMESTAMP [CANDIDATE]	VARCHAR(8,160)

3. *INVENTORY*

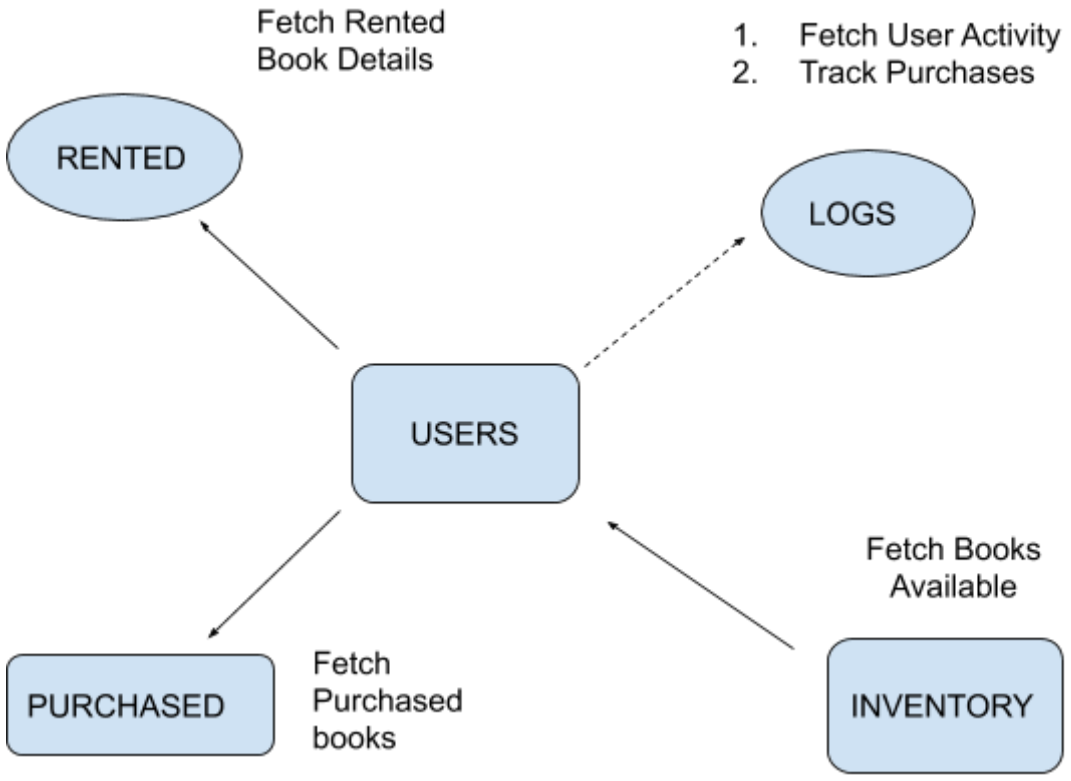
Book_Id	Book_Name	Quantity	On_Rent
INTEGER [PRIMARY]	VARCHAR(8,240)	INTEGER	INTEGER { OPTIONAL }

4. *PURCHASED*

Book_Id	Purchase_Time	Email	Quantity
INTEGER	TIMESTAMP [PRIMARY] < SYNC >	VARCHAR(8,160)	INTEGER

5. *RENTED*

Rented_On	Book_Id	Email
TIMESTAMP	INTEGER [PRIMARY]	VARCHAR(8,160)



A Simple blueprint to depict the nature of operations to be performed on DBMS Server

Working Project Code :

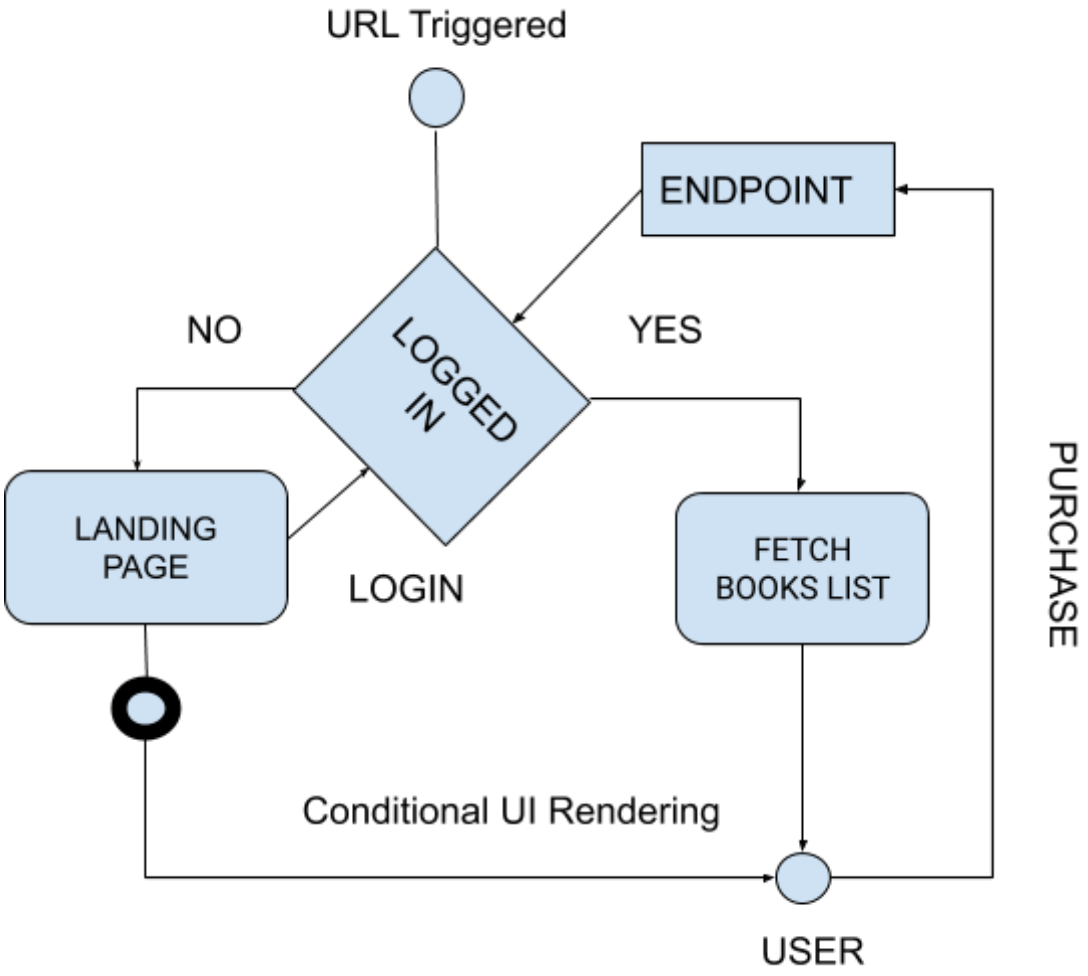
https://github.com/Accelerator-One/java-online-bookstore

Dependencies :

Check out **README.md** for more details on dependencies and test-cases.

LICENSE :

IMPLEMENTATION :



REFERENCES :

- https://spring.io/guides
- https://docs.oracle.com/en/java/
- Stack-Overflow (during implementation errors)