***Siyabonga Hleta 202102934***

**# BookReviews System**

A dynamic web-based book review platform that enables users to browse books, write reviews, and engage with a reading community.

**## Features**

**- \*\*User Authentication System\*\***

- Secure login/logout functionality

- Session management

- User profile management

**- \*\*Book Management\*\***

- Browse book catalog

- View book details

**- \*\*Community Features\*\***

- Community posts

- Discussion threads

- User interactions

**- \*\*Review System\*\***

- Write and edit reviews

- Rating system

**## 🛠 Technologies Used**

**- \*\*Frontend\*\***

- HTML5

- CSS3

- JavaScript

- Font Awesome 6.0.0

- Animate.css 4.1.1

**- \*\*Backend\*\***

- PHP

- MySQL

- Apache Server

**- \*\*Data Format\*\***

- XML for data transfer

- JSON support

**-\*\*DataBase Schema\*\***

CREATE TABLE users (

id INT PRIMARY KEY AUTO\_INCREMENT,

username VARCHAR(50),

password VARCHAR(255),

email VARCHAR(100)

);

CREATE TABLE books (

id INT PRIMARY KEY AUTO\_INCREMENT,

title VARCHAR(100),

author VARCHAR(100),

description TEXT,

image VARCHAR(255)

);

CREATE TABLE community\_posts (

id INT PRIMARY KEY AUTO\_INCREMENT,

title VARCHAR(100),

author VARCHAR(50),

content TEXT,

timestamp DATETIME

);

**## Prerequisites**

- PHP 7.4 or higher

- MySQL 5.7 or higher

- Apache web server

- XAMPP Control Panel v3.3.0 or higher

- Web browser (Chrome, Firefox, or Edge)