**HIGH LEVEL TECHNICAL REQUIREMENT DOCUMENT**

**BOOKS MANAGEMENT SYSTEM**

1. **Overview:** this document has the purpose to make technical document and requirement of Books Management system. This application is to help managing user, books, renting books.
2. **Objective:** 
   * Develop library books management system for school or public library
   * Develop user management, books management, rent management, transaction management.

**Tech Stack:**

**Frontend:**

* ReactJS
* Typescript
* Tailwind CSS

**Backend:**

* ExpressJS
* Typescript
* PostgreSQL

**Feature:**

**User Management:**

* Create/Registration User
* User List
* User Update (By Id)
* User Delete (By Id)
* User Detail (By Id)
* Login User

**Book Management:**

* Create Book
* Book List
* Book Update (By Id)
* Book Delete (By Id)
* Book Detail (By Id)

**Borrowing:**

* Create Borrowing
* Borrowing List
* Borrowing Update (By Id)
* Borrowing Delete (By Id)
* Borrowing Detail (By Id)

**Transaction:**

* Create Transaction
* Transaction List
* Transaction Update (By Id)
* Transaction Delete (By Id)
* Transaction Detail (By Id)

**Design System:**

