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# Software Engineering Remaining Functionalities

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Group 21  
Book Exchange among campus students  
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# 1 Introduction

This document contains the unfinished requirements.

## 2 Requirements mentioned in the SRS

### 2.1 Functional requirements

- Login required by the User. The user will be verified on the basis of the credentials entered by him.
- A non-registered user should be able to sign up and the system should verify it.
- User should be able to search for the book he wants.
- Seller should be able to enter the book name he wants to sell along with which he(she) must also enter his(her) details(ID,ph no., hostel address,etc.) and some details of the book such as:book name,author, the price he wants to sell it at(0 or a charge if he wants to charge).
- Seller can see all the names of the students(along with their basic contact details) who requested his book. It will be at the sellers' discretion as to whom he(she) wants to sell the book. The seller can hence also delete requests if they want.
- The seller can delete a put book on sale by him(her) previously.
- If the book is not available then the user can add the book(which will be added in the database). The user will be notified on the dashboard whenever it is available(i.e. When someone would want to sell it).
- Every buyer can maintain a wishlist of the books/material they want to get in the future if not immediately.
- The buyer should be able to remove the book from wishlist or send request for that book from the wishlist directly.
- Once the seller sells his book to one of the buyers, he can deem the particular book to be sold. Following that, users who had requested that book will be shown an appropriate message on that particular request like "The book has already been sold out".
- The users should be able to update their profile if need be.

## 2.2 Non Functional requirements

- Down time should be not more than 1 hour daily(from 23:59 hrs to 00:59).
- Support all browsers like Chrome, Firefox, Safari etc.
- Should be scalable enough to support 4000-5000 people.
- Interface should be user friendly and lucid, hence not a complicated one.
- The contact details of the buyer should not be shared or visible to other buyers.
- Response time should not be more than 15 ms.
- The system should be available at 99.9 percent of the time. A backup should be built for abnormal situations and maintenance access.
- The system should be able to perform the specified task without failure consistently.
- The system should demonstrate that its design provides maintainability from user interfaces to all the functions.
- The system must be easy to use with minimum training. It will be easy to navigate, search, sell and buy books.
- Data integrity should be maintained during all the transactions

## 3 Unfinished requirements

- A non-registered user should be able to sign up and the system should verify it.
- If the book is not available then the user can add the book(which will be added in the database). The user will be notified on the dashboard whenever it is available(i.e. When someone would want to sell it).
- The seller can delete a put book on sale by him(her) previously.
- he seller can delete requests on his(her) book.

### 3.0.1 Unfinished requirements as per user stories mentioned in SRS

- As a new user, I want to be able to sign up on the portal and **get verified** so that I can start exchanging academic material.
- As a buyer, I want to be able to request an unavailable book(material) so that I can buy it when anyone wants to sell it

- As a buyer,I want to be notified when a previously unavailable requested book is available so that I can know it is available.
- As a seller(donor), I want to be able to remove a previously posted book(material) out on sale so that it is removed in case I change my mind.
- As a seller(donor), I want to be able to delete a particular request on my book/material so that I can delete someone's request directly if I wish not to sell to them.