

Solutions and Evaluations Document

Problems and their solutions

Problem

The staff wants to keep track of users, stock and past borrowings.

The current systems are failing

Solutions

- Keep track of stock and borrowings of books
- Admin should be able to add new books and delete old books
- Admin should control stock availability
- The system should automatically keep track of all data and store it for viewing by staff members

Problem

Users return books late.

Solutions:

- Users will be blocked to borrow books when previous books are not returned in time.
- Notification system will give reminders to return books in time.
- A tracking system will be in place for users to see timelines of time left to return books.

Problem

Customers struggle to find interesting books or books they are looking for.

Solutions:

- Built in search functions(Categories, Names, Authors)

- Suggestions will be made tailored to users previous borrowings.
 - New arrivals will be suggested tailored to users
- Evaluation.

The system will certainly assist our clients with existing problems. Everyone agreed on the system keeping track of borrowings. This will be of assistance to the team and taking out hourly labor, saving time and money. Keeping Track will also cross out some human errors that occurred before. Being able to block certain users is of benefit because it will force them to bring their books back, and having the notification system will remind them to solve the problem of borrowings being forgotten about. The search function will be a major benefit because it will improve customer experience by making it easier to find what they are looking for. Combined with this, the suggestions will also be a valid add one, so that customers will always have new and interesting books to borrow, and this will let them come back for more.