



# Personal Library Application

REQUIREMENTS

**Background:**

Our client Andrew has a home library that is growing. He is experiencing an influx of people coming in to borrow books, DVDs, video games and other items. Some people do return his items but others do not. This has led to Andrew growing frustrated due to his inability to keep track of his items.

He has been using a notebook in the past to write down who borrowed an item, but this hasn't been effective lately as his tracking book is losing pages. He also forgets to update his book and at other times it becomes misplaced.

**As-Is Process:**

- A person comes into Andrew's home library to borrow an item.
- Andrew captures the person's and item's details in his notebook, and if he cannot find the book he captures the details on a piece of paper.
  - Note that currently there is no time limit for how long a person can keep an item.
- The person then takes the item and leaves the library.
- The person may or may not return the item that they borrowed.

**Requirements:**

Andrew has approached you as a Chillisoft champion to help him create an application that will help him keep track of his items. Andrew has outlined the following requirements in order to help you understand what he is looking for:

- This application is going to be used only by Andrew.
- The user must login using a username and password.
- The application must be a web based solution that can be accessed from anywhere.
- This application must allow the user to capture a person's details (i.e.: name, surname, photo, phone number and email).
- This application must allow you to capture people (i.e.: people that borrow Andrew's items).
- This application must allow the user to capture many items.
  - Note: one item can be borrowed by a single person at any given time.
- This application must be able to record date and time of the lending.
- The application must be able to export reports/excel files of all items in the library and items borrowed for a chosen time period.
- The application must be able to check-in returned items.