Business Requirements Document – Spring boot Library Application

1. Main screen displaying links to other pages should be displayed
2. Security should be implemented to prevent unauthorised access to pages without being logged in.
   1. Users should also have the ability to logout
   2. If incorrect details entered, then error shown that incorrect details have been entered.
3. Should allow users to navigate to a list books page where they can view all books in the database.
4. Users should have the ability to add a book
   1. If user doesn’t enter correct information, then they should be notified via an error message
   2. Upon adding a book user should be navigated to the list books page where new entry should be present.
5. Users should be able to access the list of customers via a list customers page.
6. Users should be able to add a customer via an add customer page
   1. If user enters incorrect details for a customer, an error message should be displayed
   2. Upon adding a customer, the user should be navigated to the list customers page.
7. Users should also have access to a list loans page where all loans in the database are visible.
8. A new loan option should be available where users can loan a book to a customer.
   1. Due date for a loan should automatically be calculated
   2. If a book or customer doesn’t exist, then an error page should be displayed with the error information.
   3. If a book is already on loan, then an error page displaying who it is on loan to should be displayed.
9. User should be able to delete a loan
   1. If loan doesn’t exist, then error page displaying this should be shown