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| **Persona** | **Definition** |
| User | Refers to all personas |
| Free User | A user who does not have a paid subscription |
| Paying User | A user with a paid subscription |
| Author | A user who can submit books for admin approval |
| Admin | User with administrative rights |
| Sub-Admin | User with limited administrative rights |

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| **#ID - Category/Features** | **User Stories** |
| **1.1 - Registration** | As a user, I can choose to register for a free or paying account to access the digital library |
|  | As a free or paying user, I can register as an individual using my biodata (Fullname, email, password etc) to setup and gain access to my account |
|  | As a free or paying user, I can register through my supported institutions login credentials to setup and login to my account. |
|  | As a free or paying User, I can register and login using my Gmail/facebook accounts to gain access to my account. |
|  | As a free or paying user, the system must refuse duplicate account registration attempts so that each user account is unique. |
|  | As an author, I should be able to register.... (need more info) |
| **1.2 - Book Access** | As a registered free user I can only access two books monthly. |
|  | As a paying user I have unlimited access to all books in the library |
|  | As a paying user, I can access books restricted for paying users |
|  | As a user, I can only access each book for 30 days |
|  | As a paying user, I can renew an expired book access after two days so that I can regain access to that book |
|  | As a free user, I can only renew book access when my to book allowance per month opens up (Next month) so that I can regain access to that book |
|  |  |
| **1.3 - Forum/blog** | As a paying user, I can leave a book review on the blog so that other users can read and engage |
|  | As a paying user, I can access the blog to post comments under a book review so that I can engage with the book review |
|  | As a paying user, I can engage all blog posts by liking, upvoting, replying, etc to interact with the blog post or book review |
|  | As a free user, I only have read access to the blog so I can not engage with any of the blog posts. |
|  | As a paying user, I can initiate a thread on the discussion forum to start discussions |
|  | As a free user, I can only contribute to existing threads on the discussion forum. |
|  | As a user, I can report any user who violates the forum guidelines to protect the forum |
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| **1.4 - Library** | As a user, I can access books in the following format: Ebooks, Audiobooks & videos. |
|  | As a user, I should be able to borrow and return books in the library so I can gain access to the books |
|  | As a user, I can favourite a book so that I can easily refer to it later. |
|  | As a user, I can view all the books I favourited so that i can easily review and access them |
|  | As a user, I can access the discussion forum in the library so readers can comment about books |
|  | As a paying user, I can set up a book club within the library to promote book discussions |
|  | As a user, I can chat with a support bot to receive support for my account. |
|  | As a user, I can search for book titles, authors, etc using the search bar so that I can easily find books |
|  | As a user, I should be able to continue reading a book in the dashboard from the library homepage so that I don't have to go back into the library |
|  | As a user, I should be sent reminders to read books so I don't forget.  (more info needed) |
|  | As an author, I should be able to upload my books for approval from the admin so that my book can be included in the library |
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| **1.5 - Subscription** | As a Paying User, I must choose one of two subscription options : Light or Premium to setup my account |
|  | As a paying Light subscribers, I am charged $2 or N500 annually depending on my location |
|  | As a paying premium subscribers, I am charged $2 or N500 monthly depending on my location |
|  | As a paying user, I should be able to apply discount codes to reduce the cost of my subscription |
|  | As a free user, I should be able to upgrade my account to a paying subscription |
|  | As a Paying users, I should be able to upgrade my plan from light to premium subscription |
|  | As a user, I should be able to include an access code that gives access to a specific book or category for a predefined number of days |
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| **1.6 - Payment models** | As a paying user, my dollar transactions are processed through Paypal |
|  | As a paying user, my Naira transactions are processed through flutterwave |
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| **1.7 - Reading Dashboard** | As a user, I should be able to flip a book vertically or horizontally to aid my reading experience |
|  | As a User, I should be able to flip pages (to have real book effect) (See libby, overdrive) |
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| **1.8 - Admin/admin panel** | As an admin, I restrict access to specific books so that only paying users can read them |
|  | As an Admin , I should be notified of all author submissions so that i can approve or deny them |
|  | As an admin, I should be able to approve or decline author submissions |
|  | As an Admin, I should be able to add or remove books in all formats from the library |
|  | As an Admin, I should be able to add or remove users from the library to regulate access |
|  | As an admin, I should be able to grant memberships (more info needed) |
|  | As an Admin, I should be able to view user profile information such as (General analytics: name, age, username, sex, country,, etc) |
|  | As an Admin, I should be able to view books borrowed by a user and their percentage completion |
|  | As an Admin, I should be able to view analytics for books (e.g Number of borrows, number of completed reads - 90% completed) |
|  | As an Admin, I should be able to view a map of users by country |
|  | As an Admin, I should be able to search for books and users |
|  | As an Admin, I should be able to view subscriptions about to expire |
|  | As an Admin, I should be able to view read count for all books |
|  | As an Admin, I should be able to create or delete book categories |
|  | As an Admin, I should be able to assign books to categories |
|  | As an Admin, I should be able to assign subadmins |
|  | -Integrated library system to allow each book possess a MARC record |
|  | As an Author, I can upload books and track number of borrows and completed reads. Ability for TCLI Admin to edit or modify this function. |
|  | Customized TCLI Library, Automated email with new members and other notification |
|  | As a user, I should be included on the audience list eg mailChimp so that I receive regular emails from the library |

**High level Description**

This is a digital library, where users can borrow and return books. (library)

Users register for free, free registration gives them access to two books monthly. (Registration & Book access)

The library works with free registration. Users have access to the library to read the books. Free registration allows readers read 2 free books a month. (Registration & Book access)

The paid users have unlimited access to books. Books in star from the admin are only/restricted for paid users. (Book access & Admin)

So members who are paid have access to the blog to leave reviews about books (Blog-forum)

Users would be able to sign in to the blog, make reviews on the blog about books in the library, and post comments. (blog-forum)

Basically paid users can sign in, review, comment, like and maybe any other thing great you can think of.(blog-forum)

All users regardless of free or pay can only have access to one book for 30 days after that they have to renew. (Book access)

Unpaid users can only renew in next free space(like next month were free 2 books availability is), paid users can renew after 2 days. (Book access)

Login model: (Registration)

* individual registration: Currently running
* -Institutional login: In view (**use overdrive app as reference)**

Library (Library)

1. Library has ability for users to favourite books and have collection of favorite books
2. Discussion forum for readers to comment about books
3. Blog: Only paid users can post on blog as book review for example
4. Discussion forum: Only premium users can initiate a thread on discussion forum, others can only contribute
5. Ability for paid users to set up book clubs
6. Option to report users
7. Chat Support: Current model uses tawk (let messages me sent to [tclilibrary@gmail.com](mailto:tclilibrary@gmail.com) and [info@tclilibrary.com](mailto:info@tclilibrary.com) NOT teecoks17@gmail nor [info@tclifoundation.ca](mailto:info@tclifoundation.ca))

Subscription model

Two forms of paid subscription (Only one currently working): (Subscription)

1.Light user: One time subscription of $2 annually or N500 annually - gives access to reading any book anytime

2. Premium subscribers: $2 monthly or N500 monthly

3. Users should be ably to apply discount code

4.Users should be able to upgrade plan

5. Users should be able to include a unique/access code to access a particular book/category. Eg there is a specific book on finance there and only paid users have it. Let's say at that period we have a program to train newcomers on finance we could support them with an access code for 30 days. Or a program for kids and the funders support it, we could name a particular book or some accessible to the kids at no cost for only that period using the access code......hence its just that book not the entire system\*

User types

Prospectively,

Light users: Contribute to discussion forum but can't create discussion thread, can't create new groups but can join existing groups,  (forum)

\*\*\*\*\*\*\*\*For now, (1 year) light users have access to Premium features

Premium Users: can create discussion forum, can create groups , content library (access to certain things) (forum)

Payment model: (Payment)

Paypal for dollar

Flutterwave for naira and dollar

Ability for users to make enable and disable automatic payment/renewal of subscription

Format: (Books)

-Ebooks

-audiobooks

-Videos

Reading Dashboard:

-Users should be able to flip books in different ways: Vertical, horizontal or as turning pages/flipping to have real book effect: use libby, overdrive, Based on this flipping book structure in view (Books)

-Search bar to search for books and authors (reference app: Bambooks)  (Books)

-User profile

* Library should have ability to continue reading book from homepage to take to dashboard.

-Reminder to read books for users (Books)

-Books:

1. Some books can be borrowed by anyone
2. Some books are only accessible by paid users
3. Admin should be able to assign this function

-Opportunity for authors to upload their books (approval will be needed for book to show (Books)

Registration

-Regular biodata input

-Gmail/facebook option

-Authentication for registrations to avoid duplicate users

Admin:

-Add books, audio, videos

-Remove books, audios, videos

-Add user

-Remove/delete user

-Assign books for only paid users

-Assign books for access to both paid and unpaid

-Grant membership

-View users portfolio: registration details

-View books borrowed by users and percentage completed reads

-View analytics for books: Number of borrows, number of completed reads - 90% completed

-Map users by country

-Search books

-Search users

-Track subscriptions about to expire

-General analytics: name, age, username, sex, country,, etc

-Read count for all books

-Approve uploaded books by authors

-Multiple categories for books

-Ability to add new categories

-Ability to assign subadmins

-Integrated library system to allow each book possess a MARC record

-Authors/Publishers admin panel to upload books and track number of borrows and completed reads. Ability for TCLI Admin to edit or modify this function.

Customised TCLI Library, Automated email with new members and other notification

Connect users to an audience list eg mailchimp

Questions

1.Difference between blog & forum ?

Answer: blog a article posting module, where admin will post articles and users will abel to like comment share and read the articles. But regarding forum it is discussion module, here any registered users can post articles and all others users can comment and reply against the post.

2.Clarify login model

Answer: as per your expectations you will get login with gmail and facebook option and you will able to login with email and password.

3.Report a user, what happens next?>

Answer: as a admin you will see author report list.

4.Chat support in library

Answer: we can set chat module

5.Book clubs ??

Answer: You need to explain please

6.Access codes for specific book categories

Answer: we will generate a unique code for them.

7.Reminders to read books. How often?

Answer: we can set push notifications to them after specific period