

Case Study – 4

(30 points)

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Submission: Save this Word document with your answers as a PDF file and upload the PDF file to Canvas.

(15 pts) Your team has won the Book Exchange Project, but there are still details your team needs to know. Prepare a Requirements Elicitation interview for the Book Exchange client (Section 4.4, p 116-118, steps 1-3), there should be at least 5 questions of each type identified in step 3. The goal of the interview is to gain more insight into the project before diving into design.

Open-ended questions:

- What is your vision for the account system?
- How do you want the forums to work?
- How do you want users to go about paying?
- What features do you specifically want?
- What kind of theming would you prefer?

Closed-ended questions:

- Will users be provided with a tutorial system?
- Will users receive notifications through the application?
- What is your limitation on books donated/borrowed per user?
- Will you be moderating the forums?
- Do you want the account system separate from the forums?

Range-of-response questions:

- On a scale of 1 to 10, 10 being most colorful, how colorful do you want the application's home page?
- How would you rate the necessity for anonymity in the forums? Low, Medium, or High?
- Should the book donations/borrows list be refreshed daily, weekly, or monthly?
- How would you rate the necessity to implement account banning? Low, Medium, or High?
- On a scale of 1 to 10, with 1 the lowest and 10 the highest, how important will book borrowing time be?

(15 pts) Now that you've collected some requirements information. Start writing and organizing your requirements for the Book Exchange Project into Epics & User stories. Create 3 Epics with 5 User Stories in each Epic. A simple textual outline of the Epics and User Stories is as all we need to get started. However, make sure you write your user stories in the "standard" format:

As a <name of the user role>, I want to <the user's goal in the user role> so that <a justification for the goal.>

Epic 1: Create basic, barebones user interface for the application that will allow the team to further develop around a solid vision of what we will be looking at.

- As a user, I want to have separate tabs for each section of the application so that I can easily navigate.
- As a moderator, I want to be able to access a separate moderation tab so that I can monitor the application in a separate area where all my tools are located.
- As a developer, I want to create a universal spacing and theming system for the application so that nothing looks out of place and the application looks professional.
- As a user, I want to be able to access my account in the top right corner so that I always know where my information and settings are located.
- As a user, I want to be able to see a popup window when I click on other users' names so that I can check out their donated or borrowed books.

Epic 2: Establish the account system and forums system for users to personalize their page and view other pages/comment, creating more of a social presence.

- As a user, I want to create my account with the choice of anonymity so that I do not have to share my personal information with other users if I do not wish.
- As a user, I want to be able to make posts on the forum about books I have read or want to read so that others can see which books are worth reading or help me find ones to read for myself.
- As a user, I want to be able to tag other people in my forum posts so that they can be directly notified.
- As a developer, I want to add hidden moderator tools to the forums so that moderators can keep the forum posts PG and family friendly.
- As a user, I want to be able to personalize my account page with book-themed pictures or presets to help personalize my account for others' viewership.

Epic 3: Create the book library and donation/payment system so that everyone view the books that have been donated and are currently being borrowed, as well as make donations or payments to the company.

- As a user, I want to view which books are currently available so that I can limit my selection choices and choose the best book for me.
- As a user, I want to view who donated each book so that I can thank them personally.
- As an owner, I want to view users' donation/borrow history to monitor and avoid abuse of the system.
- As a user, I want to rate or comment on books that I have borrowed to help others make their choice.
- As a user, I want to share links of available books in the forums or outside the application to spread word with friends or strangers of good and available books.