

Group Project (Use Case-Fully Dressed #3)

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This document will be used to represent a single use case for the group project. This is the written portion that will have a video that shows the working functions mentioned in this use case.

1 Use Case UC3: Checkout Books using BearBooks Application

1.1 Scope

User checks out a Book from BearBooks Application

1.2 Level

User goal

1.3 Primary Actor

Application User (Book Borrower)

1.4 Stakeholders and Interests

Application User: wants fast, reliable, and accurate ability to view available books and check out the books of interest

Administration Users: Want a fast, reliable, and accurate application to manage the stock of rent able books

Development Company: Wants to accurately provide a safe and reliable application to borrow books from the business

Destination Owners: Wants a safe, reliable, and efficient way to rent books and keep stock organized and updated over time

1.5 Preconditions

Application User is registered into the system
Application User is signed into the application
Application Front End is online.
Application Back End is online.

1.6 Success Guaranteed

1.7 Main Success Scenario

a. Assume user is already signed in to the application and the application is running
1. User selects Checkout Book tab in the header.
2. Search through available books in the catalog shown on this tab.
3. Click the checkout book button inline with the the book you wish to checkout.
4. Page will update and the book you checkout will no longer be visible on this page.

1.8 Extensions

*a. At any time the application fails
Restart the Application
1. If the UI is not working, restart the front end application portion. 2. If the Back end is not working, restart it
2a. Information that is stored in the database should load its contents for the applications
2b. System restarts new navigation
1. Load the Book Checkout tab 1.a If failing to load, check to ensure application is running.
1.b Restart application if it is not running.
1.c Reload Home page for application and restart process
2. Reload application if failed to load upon selecting the Book Checkout In tab.
2.a Select the correct tab to load wanted page of application.
3. If failed to check out, ensure that the back end is running.
3.a Reattempt to checkout the book

1.9 Special Requirements

-Responsive UI to allow for use across multiple devices -Application quick response when in use

1.10 Technology and Data Variations Lists

-Application must accept inputs from a touch screen entry

1.11 Frequency of Occurrence

Could be nearly continuous

1.12 Open Issues

-What to do if application is down due to issues or updates