## Use Cases – Thamer

1. **User Case (Register as user)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | Register as user |
| Use Case Description (Short description) | This use case describes user registration process. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | User |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | User goes to the website and click ‘register’ button. The system will display registration page.  User name, email and password and click ‘Submit’ button. System add new user in the database and give user success message. |
| Alternate pathways (What other paths are there that are not the “happy path”?) | User click ‘Submit’ button, but system gives error “User email already registered”. Click reset password to reset account password. |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (User login)**

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| --- | --- |
| Use Case Name (Short two or three word name) | User Login |
| Use Case Description (Short description) | The user will use username and password to login to the system. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | User |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | User input username and password in the form and click ‘login’ button. System check the user information and password and log user into the system. |
| Alternate pathways (What other paths are there that are not the “happy path”?) | If the username or password is incorrect, system will display error message telling user the login details are incorrect. |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (Add Books)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | Add Books |
| Use Case Description (Short description) | This use case describes how system admin will add new books in the system. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | System admin |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | System admin login to the website with admin credentials and click ‘Add Books’ button. The system will open Add books page.  System admin will fill book details like name, author, genre, etc. click ‘Add’ button. System will add new book in the database and displays success message. |
| Alternate pathways (What other paths are there that are not the “happy path”?) |  |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (Edit Books)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | Edit Books |
| Use Case Description (Short description) | This use case describes how system admin will edit books in the system. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | System admin |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | System admin login to the website with admin credentials and click ‘List Books’ button. The system will display all books in the system. Admin will find the book he/she wants to edit and click Edit books button.  System admin will update book information and once all changes are complete, admin will click ‘Update’ button. System will update book information in the database and displays success message. |
| Alternate pathways (What other paths are there that are not the “happy path”?) |  |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (Delete Books)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | Delete Book |
| Use Case Description (Short description) | This use case describes how system admin will remove books from the system. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | System admin |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | System admin login to the website with admin credentials and click ‘List Books’ button. The system will display all books in the system. Admin will find the book he/she wants to delete and click Delete books button.  System will display confirmation dialog to check if user is ready to delete the book. The admin will confirm the action and system will remove the book from the system. |
| Alternate pathways (What other paths are there that are not the “happy path”?) | When user click Delete button, and during system confirmation of the action; if admin changes his/her mind and click cancel. The delete operation will be cancelled. |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (List Books)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | List Books |
| Use Case Description (Short description) | This use case describes how system admin will list books from the system. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | System admin or User |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | System admin login to the website with admin credentials and click ‘List Books’ button. The system will display all books in the system and provide Edit/Remove button along with book information. |
| alAlternate pathways (What other paths are there that are not the “happy path”?) | System user login to the website and click ‘List Books’ button. The system will display all books in the system and provide option to rate the book, add review and tag book. |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (Add user book preference)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | Add book preference |
| Use Case Description (Short description) | This use case describes how system will update user preferences, which will help in recommending books to the user in future. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | User |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | User login into the website and click ‘List Books’ button. When user find a book, user will click book purchasing link. When this link is clicked, before user is redirected, system will update user preferences in the database. User will not be notified about this action. System will update this action in the background. |
| Alternate pathways (What other paths are there that are not the “happy path”?) |  |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (User recommendations)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | **User recommendations** |
| Use Case Description (Short description) | This use case describes how will use user preferences to display user recommended books |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | User |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | User login into the website and click ‘Recommended Books’ button. System will check the database and find user author and genre preference details. System will find the list of books that fulfill the preference criteria and display the list to the user. |
| Alternate pathways (What other paths are there that are not the “happy path”?) |  |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (Add book rating)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | Add book rating |
| Use Case Description (Short description) | This use case describes how user will add a book rating into the system. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | User |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | User login into the website and click ‘List Books’ button. When user find a book and click the stars next to the book information. One start means low rating and five star means higher rating. When user click the stars, book rating will be recording in the database. User is only allowed to rate a book only once. |
| Alternate pathways (What other paths are there that are not the “happy path”?) |  |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (Add book Review)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | Add book review |
| Use Case Description (Short description) | This use case describes how user will add a book review into the system. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | User |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | User login into the website and click ‘List Books’ button. User find a book to review and click the add review button. This opens the book details in a new page with a text box to enter review details and once user is happy with the review, he/she will click ‘submit review’. |
| Alternate pathways (What other paths are there that are not the “happy path”?) |  |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (Add book tag)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | Add book tag |
| Use Case Description (Short description) | This use case describes how user will add a tag to a book in the system. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | User |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | User login into the website and click ‘List Books’ button. User find a book to tag and click Book Details button. The details section will display the current tag against the book. System will provide list of unused tags, user will click the tag and click ‘Add Tag to book’ button. System will update the information in the database and give success message. |
| Alternate pathways (What other paths are there that are not the “happy path”?) |  |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |

1. **User Case (Add tag)**

|  |  |
| --- | --- |
| Use Case Name (Short two or three word name) | Add tag |
| Use Case Description (Short description) | This use case describes how user can add new tags in the system. |
| Use Case Author(s) (Who wrote this) | Thamer |
| Actor(s) (Who does this) | User |
| Locations (Where does this happen) | Online |
| Primary pathway (What is the normal “happy path” for this use case?) | User login into the website and click ‘List Books’ button. User find a book to tag and click Book Details button. The details section will display the current tag against the book.  System will provide a text box to add new tag in the system and assign it to the book. Users will input new tag and click ‘Add Tag’ button. System will update the information in the database and give success message. |
| Alternate pathways (What other paths are there that are not the “happy path”?) |  |
| Exception pathways (What could possibly go wrong?) | Database connection fails  Error displayed to the user advising of connection problem |