CS301 – Bookshelf Project Low Level Diagrams

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| Use Case Title: User types in name of book/author |
| Primary Actor: User |
| Level: Summary |
| Stakeholders: User |
| Preconditions: DB is set up with at least book titles and authors and this is linked to UI |
| Minimal Guarantee: Display “Unable to find book/author” |
| Success Guarantees: Requested books from author displayed or requested book/books with title displayed |
| Trigger: User enters an author name or book title and specifies which of the two they are searching for |
| Main Success Scenario:   1. User inputs author name or book title 2. Selects either book title or author name before sending to system 3. System consults with specified table in DB with user input 4. User input is found, list of items matching user input returned to system 5. List of items displayed to user 6. User chooses book/author they want 7. System takes user choice info back to db 8. Info found in DB 9. Info returned to user and displayed |
| Extensions:   1. User inputs author name or book title    1. Selects either book title or author name before sending to system    2. System consults with specified table in DB with user input    3. User input is found, list of items matching user input returned to system    4. List of items displayed to user    5. User chooses book/author they want    6. System takes user choice info back to db    7. Info found in DB    8. Info returned to user and displayed 2. User inputs book title/ author name incorrectly    1. Correct option between book title or author is selected    2. System consults with db    3. Db returns not found    4. Message relayed to user, asked to check spelling and option selected and reinput 3. User inputs correct title/author but wrong option    1. System consults with db    2. Db returns not found    3. Systems tells to check spelling and option selected 4. Title/author correct and correct option selected, not found in db    1. System consults with db    2. Db returns not found    3. Systems tells to check spelling and option selected 5. Everything before works, list of items not displayed    1. System goes back to db and gets info    2. Tries to display again    3. User can re-enter info if it does not work 6. Everything before works, list of items displayed, selected book not displayed    1. System goes back to db and gets info on book    2. Tries to display again    3. User can re-enter info if it does not work |

