

CSCI 4448: Project Part 2

Cory Cranford

Project: Virtual library

Requirements: US-06: Retrieval of Author name by user, US-07: Retrieval of Publisher name by user

Use Case Documents:

ID:	US-06													
Use Case Name:	Retrieval of Author name by user.													
Description:	A user can click on a book and find the name of the Author of that book.													
Actor:	Standard Users													
Preconditions:	- user is logged in - there exists at least one book in the library database													
Postconditions:	- a book has been chosen by the user to look at and its information is displayed													
Flow of Events	<table><tr><th></th><th>Actor Action</th><th>System Response</th></tr><tr><td>1</td><td>user clicks search bar</td><td></td></tr><tr><td>2</td><td>User inputs name of book</td><td>System returns list of books whose titles match the term searched</td></tr><tr><td>3</td><td>User clicks on book</td><td>System returns information about that book including author</td></tr></table>			Actor Action	System Response	1	user clicks search bar		2	User inputs name of book	System returns list of books whose titles match the term searched	3	User clicks on book	System returns information about that book including author
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1	user clicks search bar													
2	User inputs name of book	System returns list of books whose titles match the term searched												
3	User clicks on book	System returns information about that book including author												
Frequency of Use:	Frequency of Use will vary with users. There is no max to how often users can retrieve author information, but some users may not use this feature at all.													

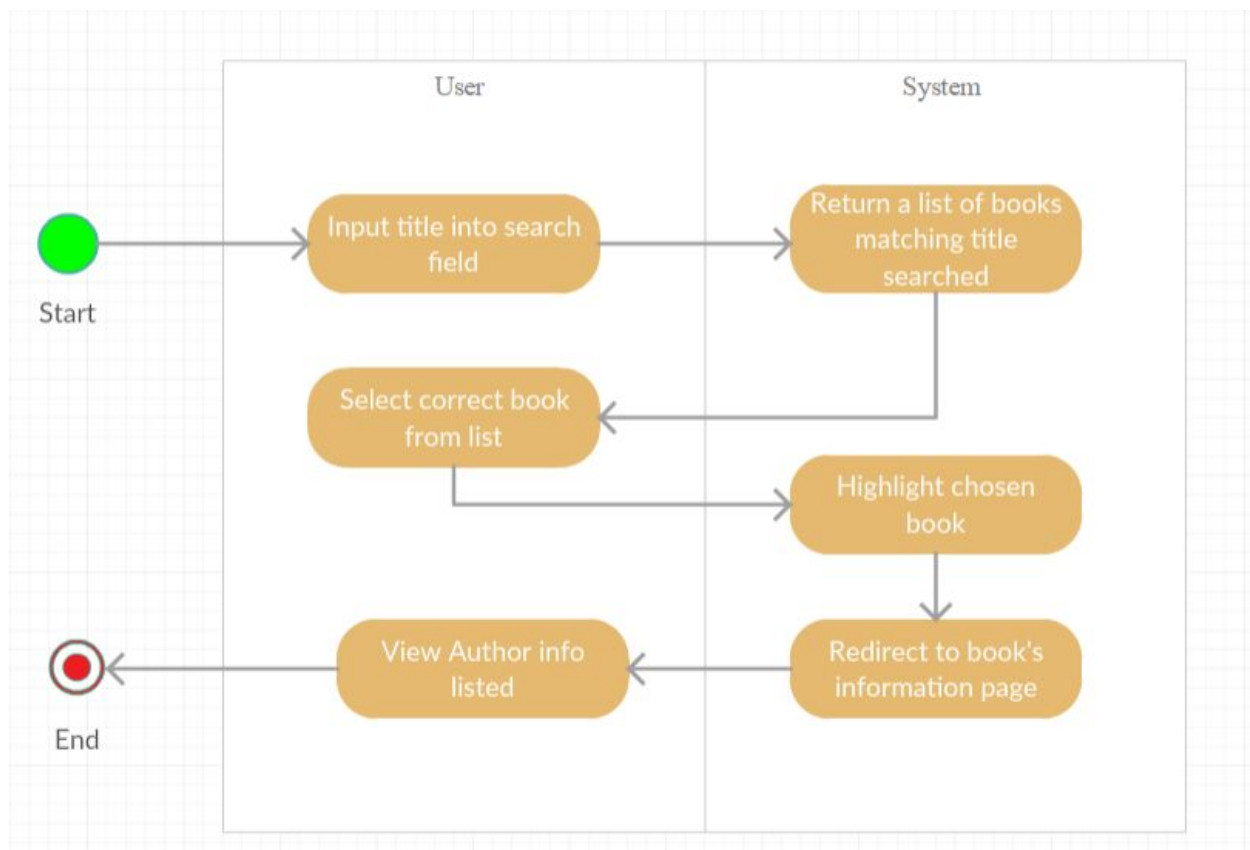
Variations:	
Exceptions:	
Notes:	

ID:	US-07													
Use Case Name:	Retrieval of Publisher of a book by user.													
Description:	A user can click on a book and find the name of the Publisher of that book.													
Actor:	Standard Users													
Preconditions:	<ul style="list-style-type: none"> - user is logged in - there exists at least one book in the library database 													
Postconditions:	- a book has been chosen by the user to look at and its information is displayed													
Flow of Events	<table border="1"> <thead> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> </thead> <tbody> <tr> <td>1</td><td>user clicks search bar</td><td></td></tr> <tr> <td>2</td><td>User inputs name of book</td><td>System returns list of books whose titles match the term searched</td></tr> <tr> <td>3</td><td>User clicks on book</td><td>System returns information about that book including Publisher</td></tr> </tbody> </table>			Actor Action	System Response	1	user clicks search bar		2	User inputs name of book	System returns list of books whose titles match the term searched	3	User clicks on book	System returns information about that book including Publisher
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1	user clicks search bar													
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3	User clicks on book	System returns information about that book including Publisher												
Frequency of Use:	Frequency of Use will vary with users. There is no max to how often users can retrieve publisher information, but some users may not use this feature at all.													
Variations:														

Exceptions:	
Notes:	

Activity diagram:

Use Case: Author Information Retrieval
Requirement ID: US-06, Use Case ID: US-06, Diagram Creator: Cory Cranford



Sequence Diagram

Requirement ID: US-06, User Case ID: US-06

Description: Standard user can click on a book and find the name of the Author of that book.

