Team Roles
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Github: https://github.com/1jiaqi3/TeamSprite

User Stories

Freshman looking to buy books for his/her classes. This is somebody that is pretty fluent with technology and that is comfortable with using applications like ours. Will use intuition for things like logging in. Probably has a password saver and will most likely not forget their password. Can navigate screens and can figure out how to fix errors. Might have issues with finding specific books, ISBN codes, and posting their needs exactly since it is probably their first time having to buy their own books.

Older GS student who is not tech-savvy. Does not have the same intuition about applications like the freshman. Might forget their login and need to figure out how to reset it. Sometimes has trouble navigating screens and following the flow of the application.

Senior looking to use the application to get/lend their books. Comfortable with the book searching process and can express clearly what they need and for how long. Also can use their intuition to navigate around the application and probably will not have troubles with logging in and remembering their password. Will probably be more interested in selling/lending their collection.

1. Create an account
    a. As a user, I would like to create my own account using an email address, username, and password
    b. As a user, I would like to create my own account with my already existing Facebook account.
2. Log in / out
    As a user, I would like to be able to securely login with my password and logout of my account.
3. Post a book
    As a user, I would like to be able to post a book that I want to share to the public book pool. I would also like to set the terms (the allowed time period, the possible charges and other conditions) for borrowers to follow.
4. Manage my books

As a user, I would like to be able to manage my books in public pool. I should be able to approve or disapprove requests, and also able to put my books down from the pool.

5. Request a book

As a user, I would like to be able to request a book available in public pool, and wait for the owner to approve. If my requests are approved , I would like to have the lender's contact info. After I initiated the request, other users should not be able to request the book.

6. Search and browse books

As a user, I should be able to browse available books or search specific books by titles or ISBN numbers.

7. Approve a request

As a book owner user, I would like to see the incoming requests of the titles the user requested to borrow or buy. When I click on approve, I acknowledge my contact information such as Email address or phone number will be revealed to the borrower or buyer so I can wait for him or her to contact me.

USE CASES

1. Create an account

Use Case ID:	1.1
Use Case Name:	Access Registration Form
Actor	GS Student
Description	A new user wants to create an account, and navigates to registration form to enter details.
Preconditions	Student does not previously have an account. Student is on web app landing page with options to log in or sign up.
Post Conditions	Student has an account

Triggers	Student navigates to web app url.
Basic Flow	1. Student clicks on "Sign up" 2. Student is redirected to registration for page 3. Student puts in their information 4. Student submits, creates account
Alternative Flow	
Exception Flow	1. User loses internet connection. 2. User does not enter all required fields 3. User does not enter valid input for fields
Events	User navigates to sign up page..

Use Case ID:	1.2
Use Case Name:	User signs up with email address
Actor	Columbia Student
Description	A user creates an account with their email address, First Name, Last Name, and password.
Preconditions	Student does not previously have an account. Student clicked on sign up to access sign up form.
Post Conditions	Student has an account. .
Triggers	Student navigates to sign up page.
Basic Flow	1. Student fills in email address 2. Student fills in First Name, Last Name 3. Student enters password, confirms password 4. Student clicks on "Sign Up" 5. Student is redirected to confirmation page.
Alternative Flow	1. Student clicks on "Sign Up" 2. Student email address is invalid, has been used to create an account before, password is invalid, or

	password and confirm password do not match.
	3. Form highlights in red the text box with the error, with a message describing the error.
	4. Student corrects information and clicks on "Sign Up"
	5. Student is redirected to confirmation page.
Exception Flow	1. User loses internet connection.
	2. Database problems.
Events	

Use Case ID:	1.3
Use Case Name:	User signs up with Facebook account
Actor	Columbia Student
Description	A user opts to create an account with their Facebook account.
Preconditions	Student does not previously have an account. Student clicked on sign up to access sign up form. Student has a Facebook account.
Post Conditions	Student has an account.
Triggers	Student navigates to sign up page.
Basic Flow	1. Student clicks on "Join with Facebook"
	2. Student is redirected to Facebook log in page
	3. Student fills in Facebook log in information and clicks on "Log In"
	4. Student is redirected to confirmation page.
Alternative Flow	1. Student clicks on "Log In" on Facebook login page
	2. Student entered incorrect or invalid log in information

	3. Student is requested to try again. 4. Student reenters correct/valid information. 5. Student is redirected to confirmation page.
Exception Flow	1. User loses internet connection. 2. Database problems. 3. Facebook server down.
Events	

2. Log In

Use Case ID:	2.1
Use Case Name:	User logs in with email address
Actor	Columbia Student
Description	A user logs in with their email aaddress and password
Preconditions	Student has an account. Student created account with email address. Student is on web app landing page.
Post Conditions	Student is logged in.
Triggers	Student clicks on log in.
Basic Flow	1. Student clicks on "Log In" 2. Student fills in email address 3. Student enters password 4. Student clicks on "Log In" 5. Student is redirected to dashboard.
Alternative Flow	1. Student clicks on "Log In" 2. Student email address or password is incorrect. 3. Form highlights in red the text box with the error, with a message describing the error. 4. Student corrects information and clicks on "Log In" 5. Student is redirected to dashboard.

Exception Flow	1. User loses internet connection. 2. Database problems.
Events	Available books list in Dashboard.

Use Case ID:	2.2
Use Case Name:	User logs in with Facebook
Actor	Columbia Student
Description	A user logs in with their Facebook account
Preconditions	Student has an account. Student created account with Facebook account. Student is on web app landing page.
Post Conditions	Student is logged in.
Triggers	Student clicks on log in with facebook.
Basic Flow	1. Student clicks on "Log In with Facebook" 2. Student is redirected to Facebook login page 3. Student enters account info and clicks on "Log In". 4. Student is redirected to dashboard.
Alternative Flow	1. Student clicks on "Log In" 2. Student account info is incorrect. 3. Student requested to correct information. 4. Student corrects information and clicks on "Log In" 5. Student is redirected to dashboard.
Exception Flow	1. User loses internet connection. 2. Database problems. 3. Facebook server down.
Events	Available books list in Dashboard.

3. Post Book

Use Case ID:	3.1
Use Case Name:	User posts book.
Actor	Columbia Student
Description	A user posts a book and its details to the public pool for selling/lending.
Preconditions	Student is logged in. Student is on web app landing page.
Post Conditions	Student adds book to public pool.
Triggers	Student clicks on "Post New Book"
Basic Flow	1. Student goes to home page. 2. Student clicks on "Add a book" option on the top. 3. Student is redirected to book post form. 4. Student fills in book information (Title, Author, Edition) 5. Student fills in book condition(Used, Good, Bad, New) 6. Student fills in other details (part of a set, etc…) 7. Student fills in lend information (return by for example) 8. Student clicks on "Add it!" 9. Student is redirected to "Manage my Books" page with new book added to the list.
Alternative Flow	1. Student clicks on "Add a Book" 2. Student entered invalid data, did not enter required data 3. Student is asked to correct information. 4. Student corrects information and clicks on "Post Book" 5. Student is redirected to "Manage my Books" page with new book added to the list.
Exception Flow	1. User loses internet connection. 2. Database problems.

Events	Navigated to manage my books.

4. Request Book

Use Case ID:	
Use Case Name:	User requests book
Actor	Columbia Student
Description	A user is viewing a selected book and decides to request it.
Preconditions	Student is logged in. Student is viewing a single book.
Post Conditions	Student submits request for book. Book is removed from public pool until request is canceled or declined. Book is added to Pending Requests list for student, viewable in "Manage my Books"
Triggers	Student selects book they want
Basic Flow	Student looks at book purchase/borrow details. Student expresses agreement to conditions for receiving book. Student clicks on "Request" Student gets confirmation message with details on how to connect with seller/lender once they accept the request. Request is added to the "Requests" tab of Manage my books. Student can hit "Go back to book list" to go back to book list.
Alternative Flow	1. Student clicks on "Request Book" 2. The book suddenly becomes unavailable(requested by someone else first) 3. Student redirected to a page: "Sorry this book is no longer available" with a link to back list 4. Student clicks on link. 5. Student goes back to list of available books.

	OR
	1. Student clicks on "Request Book" 2. Student did not agree to terms and conditions. 3. Student is requested to correct in formation. 4. Student corrects information and clicks on "Request Book"
Exception Flow	1. User loses internet connection. 2. Database problems.
Events	Navigate to manage my books.

6. Search and browse books

Use Case ID:	6.1
Use Case Name:	Search For Book
Actor	Columbia Senior
Description	A student wants to find a book to purchase/or borrow. Searches for book in Lion Books database.
Preconditions	Student wants specific book. Student has account with Lion Books and is logged in.
Post Conditions	Student is able to browse search results.
Triggers	Student logs in and is redirected to landing page with search bar.
Basic Flow	1. Student clicks on search text box. 2. Student enters key words (i.e. title, author, publisher, etc..) in search text box. 3. Student clicks on search icon 4. Student views search results.
Alternative Flow	1. There are no search results. 2. System prompts user to enter different key words.

	3. Student enters new key words in search text box. 4. Student clicks on search icon 5. Student views search results.
Exception Flow	1. User loses internet connection. 2. Database problems.
Events	Book list for selection.

Use Case ID:	6.2
Use Case Name:	Select book from list
Actor	Columbia Student
Description	A student browses through book listings and finds a book they want and selects it to request it.
Preconditions	Student has an account with Lion Books and is logged in. Student is viewing list of books. .
Post Conditions	Student views book details for request.
Triggers	Student searches for a book or accesses list of available books.
Basic Flow	1. Student browses list of books 2. Student sees book that they want 3. Student clicks on the book 4. Student is redirected to a page containing details of the book.
Alternative Flow	1. Student clicks on the book. 2. The book suddenly becomes unavailable(requested by someone else first) 3. Student redirected to a page: "Sorry this book is no longer available" with a link to "go back to list" 4. Student clicks on link. 5. Student goes back to list of available books.

Exception Flow	1. User loses internet connection. 2. Database problems.
Events	Selected book to view details.

7. Respond to request

Use Case ID:	7.1
Use Case Name:	User approve request
Actor	Book owner
Description	A book owner is viewing incoming requests of a title this user owns.
Preconditions	The book owner is logged in. The book owner is viewing requests in the request page
Post Conditions	Book owner approves the request Book owner's contact information is revealed to the user who sent the request
Triggers	Book owner clicks approve button
Basic Flow	1. The book owner sees there is a new request in the home page on the top right corner 2. The book owner clicks on message button 3. The book owner sees incoming requests listed in the request page 4. The book owner clicks "approve"
Alternative Flow	1. The book owner clicks the request tab in his or her profile page 2. The book owner sees all the pending requests 3. The book owner responds to the requests by click approve button
Exception Flow	3. User loses internet connection.

	4. Database problems.
Events	Navigate to request page

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Second name

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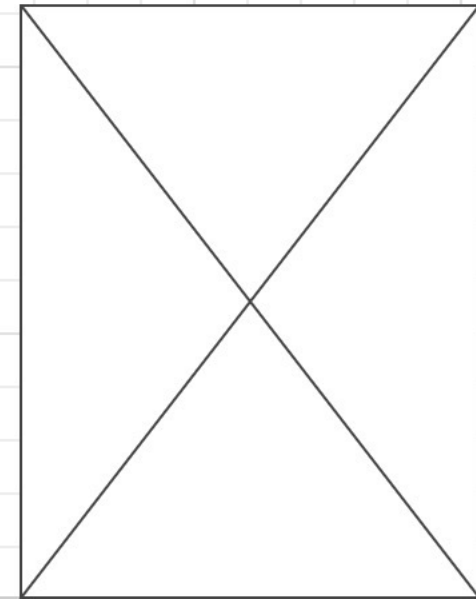Password
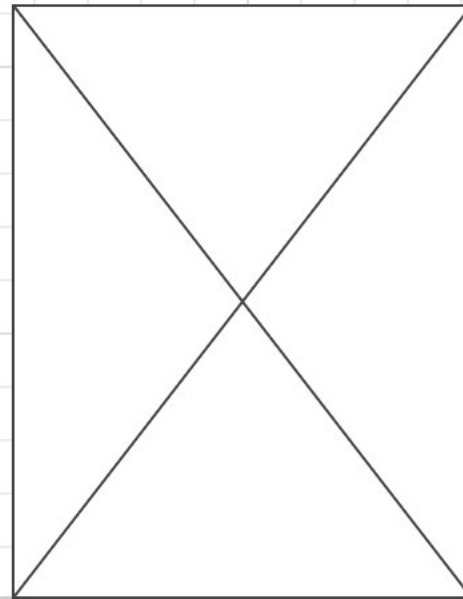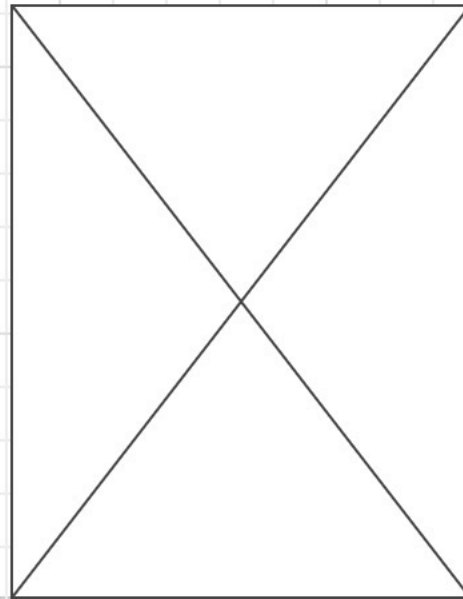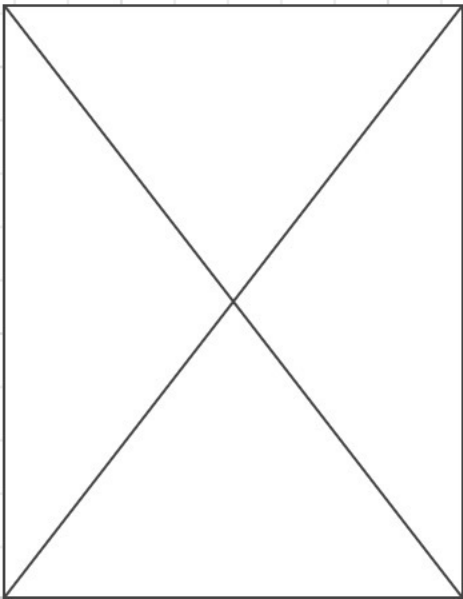
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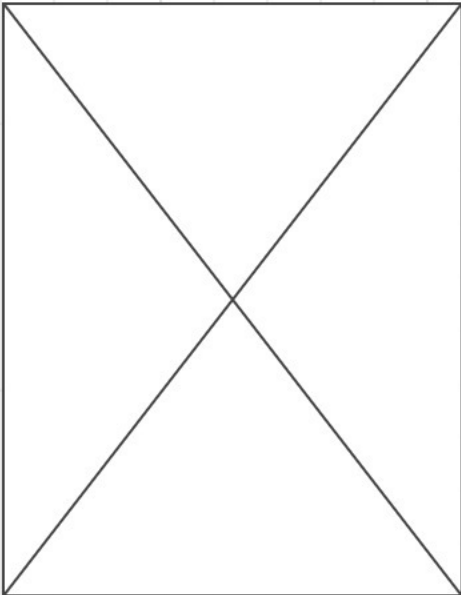
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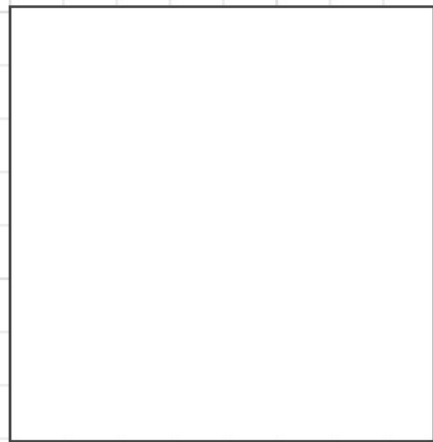
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Title	Author	Status	Owner
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Title	Author	Owner	
Book2	Author2	jerry@gmail.com	Approve

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