NotChegg

Requirements Document, Version 1

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1. Introduction

1.1 Purpose
The purpose of this Requirements Document is to specify the software requirements of NotChegg, an ecommerce site that will support the sale of new and used textbooks. The document will help to define the concept and functionality of NotChegg for development. The intended audience of this document is the software development team, and the grader.

1.2 Definitions, Acronyms, and Abbreviations
User – A person who may want to buy textbooks. Anyone visiting the webpage, this does not include admin or guests.

Admin – A administrator to the website that can remove and add books.

Guest – A user that does not have an account on the database, but can buy books

ISBN – The international standard book number. Used to identify the exact book.

Customer – A guest or user of the website. This groups Guest and user into one.

1.3 References
IEEE Std. 830-1998, IEEE Recommended Practice for Software Requirements Specifications, Institute for Electrical and Electronic Engineers, Piscataway, New Jersey, 1998.

2. System Overview

2.1 Purpose

The purpose of NotChegg is to sell new and used textbooks and accept textbooks as donations. Users will be able to create an account to place orders, but an account isn't needed to browse the store. Users can search for books by title, author, or ISBN.

2.2 Use Case Diagram
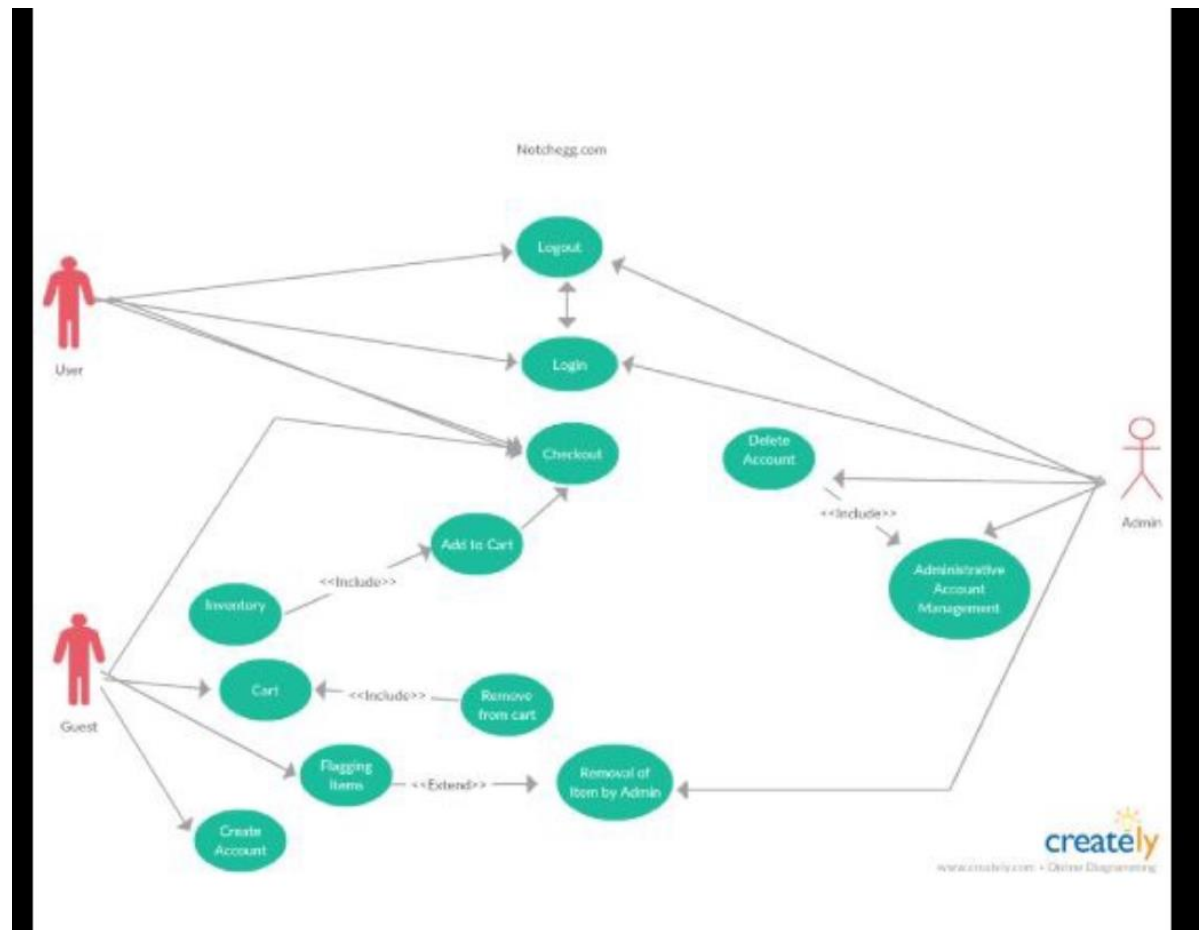
3. Specific requirements

3.1 Browse Inventory (required)

3.1.1 Description
A user or guest would be able to look through the inventory of books

3.1.2 Actors
User, guest

3.1.3 Steps
1. The customer would start at the Welcome page and click the browse button
2. The application would display the inventory at the current time. Each book in the inventory will have the title of the book, the author(s), the ISBN, a price, and a quantity available. The title of each book will be a link to a page that gives more details about the book.
3. The customer would click on one of the links
4. The application displays a description of the book, a picture of the book, number of books in stock, price of the book, and a button that allows the user to add the book to their cart to purchase. There will also be a link to continue browsing which returns to the first browsing page.

3.2 Creation of account Note: Added 3.2 – 3.15 on requirement have not filled out

3.2.1 Description
A guest would be able create an account

3.2.2 Actors
Guest

3.2.3 Steps
1. Starting at the Welcome page the guest would press the create account link
2. The application would display three text boxes for the user to enter information into. The information includes: an email, a password, and a validation for the password. Also, this includes a create button to create the account for the application.
3. The user presses the create account button
4. The application returns to the welcome page once the account is created

3.3 User Login

3.3.1 Description

User login allows for a person with an account to login to their created account with their email and password

3.3.2 Actors
User

3.3.3 Steps
1. Starting at the welcome page the user presses the link to login
2. The application displays two text boxes. One in which the user puts in their email address. The other in which the use inputs their password. The application also displays a button to confirm the login and submit the email and password.
3. The User presses the login button
4. The application returns the user to the welcome page now logged into their account. The application now displays the welcome page with a new button that says account, which allows the user to modify their account.

3.4 Delete account

3.4.1 Description
A user can delete the account that is associated with the email address they use to login with

3.4.2 Actors
User

3.4.3 Steps
1. The User would first have to login using the login process stated in 3.3.3, and presses the account button on the welcome page.
2. The Application displays two buttons to change the user's password and delete the account.
3. The user presses the delete the account button.
4. The application displays two buttons with yes and cancel for deleting the account.
5. The User checks the box yes to delete their account, and cancel to not delete the account.
6. The user presses the yes button, or the user presses the cancel button

7. The account they were logged into they are logged out of and the account is deleted if yes is presses, or they are returned to the account page if cancel is pressed.

3.5 Use of Guest account

3.5.1 Description
The guest account is for someone who wants to buy a book but does not want to register an account with the application.

3.5.2 Actors
Guest

3.5.3 Steps
1. The guest starts at the cart page accessed by clicking on the cart button within the welcome page.
2. The application displays a checkout button which lets the user purchase all the items in their cart.
3. The guest clicks the checkout button
4. The application displays a page with two links, login with your account, and use a guest account.
5. The guest presses use a guest account
6. The application assigns a random integer to the order number and assigns a value to the account associated with that order number.

3.6 Search inventory

3.6.1 Description
Users will be able to search the store for a specific book they are looking for.

3.6.2 Actors
Users, guests

3.6.3 Steps
1. A search bar will be visible at the top of the page on the home page, search result pages, and product pages.
2. The user will click the search bar and enter the title, author, or ISBN of the book they are looking for.
3. The search drop-down will offer suggestions of books that match the information entered in the search bar.
4. The user can click the suggestion to go directly to the product page or click the search button to get all search results.

5. The search results page will list all relevant results with links to the corresponding product pages.

3.7 Accessing Cart

3.7.1 Description
Allows users to view the items they have added to their cart.

3.7.2 Actors
Users

3.7.3 Steps
1. Users can access their cart by clicking the cart icon in the upper right area of the home page, search result pages and product pages.
2. After clicking the icon the user is directed to a page that lists the contents of their cart.
3. Users can manage the contents of their cart from this page or proceed to checkout.

3.8 Updating the cart

3.8.1 Description
From the cart page users can edit the contents of their cart.

3.8.2 Actors
Users

3.8.3 Steps
1. From the "view cart" page users can remove or edit the quantity of items in their cart.
2. Listed beside each item is a drop down that allows them to edit the quantity of that item they wish to purchase.
3. Also listed beside each item is a button that allows the user to remove the item from their cart entirely.
4. When the contents of the cart has been altered the cart is refreshed.

3.9 Welcome Page

3.9.1 Description
The welcome page is the home page and the first page users will normally see. It helps users navigate the rest of the site. It should give users a clear idea what the site is about.

3.9.2 Actors

Users, guests

3.9.3 Steps
1. The home page displays the store's name and presents the users with a number of options.
2. From here users can login or create an account, use the search bar, view their cart (if logged in), and view the about and contact pages of the site.
3. A few popular items are displayed with links to the product's page.
4. Clicking the site's title from other pages will return the user here.

3.10 Administrative Login

3.10.1 Description
Lets administrators log in to their accounts which have more access than user accounts.

3.10.2 Actors
Administrators

3.10.3 Steps
1. The admin will click the login button visible on most pages.
2. They are sent to a new page with two text fields, one for user name, and one for the password, and a submit button to submit their login information.
3. Clicking the submit button will log them in.
4. The admin is returned to the welcome page where they can now access and manage their account, and perform admin duties.

3.11 Add item to Inventory

3.11.1 Description
The user, or admin will be allowed to add books to the site to sell.

3.11.2 Actors
1. User
2. Admin

3.11.3 Steps
1. While on the homepage the Actor will sign in, and click their profile button.
2. The Actor then proceeds to click the "Add Item" button.
3. The Actor will then input the ISBN, Title, and condition of the book. There will be an upload picture portion to upload a picture of the merchandise.

4. They will then choose where the money has been deposited, and what shipping options they will allow.
5. They will then have to agree to the seller's policy to prevent any legal action towards us.
6. After all of these steps are done there will be a sell order # assigned to the item, and the inventory will be updated.

3.12   Remove item from inventory

3.12.1 Description

The user, or admin will be allowed to remove books to the site to sell. The user will only be allowed to remove items if they are ones they put on the site. The admin will be able to remove any item they deem to be inappropriate.

3.12.2 Actors
1. Admin
2. User

3.12.3 Steps
1. While on the homepage the Actor will sign in, and click their profile button.
2. The Actor then proceeds to click the "Remove Item" button.
3. The User will then select which item to remove from a list of their items. The admin will have a sell order input to allow for removal of any item.
4. They will have to agree to the removal of this item, and if agreed on the item will be removed from the inventory.

3.13   Flag Inappropriate book

3.13.1 Description
This is an option any User and Guest will have, Guests will give an email to receive messages about the result, to mark any items to be reviewed by an admin for possible removal.

3.13.2 Actors
1. User
2. Guest

3.13.3 Steps

1. While browsing the inventory there will be a "report" button on each of the items
2. Click this and select "Inappropriate book", then type what is inappropriate about this item
3. The item will be flagged to be reviewed by an admin, and if is inappropriate the admin will remove the book

3.14 Checkout

3.14.1 Description

Once people have added all the items they wish to purchase there will be a "Finish Purchase" button. There you will either sign into a user account or a guest account, and fill out the form.

3.14.2 Actors
1. User
2. Guest
3. Admin

3.14.3 Steps

1. Once you have put all of your items in the cart click the "Finish Purchase" button
2. Sign in, if not already, and enter payment option and information. This can be card or paypal.
3. Enter delivery address for your purchases.
4. Sign buyer policy, and verify payment information.

3.15 Logout

3.15.1 Description

User logout allows for a person with an account to securely logout of their created account.
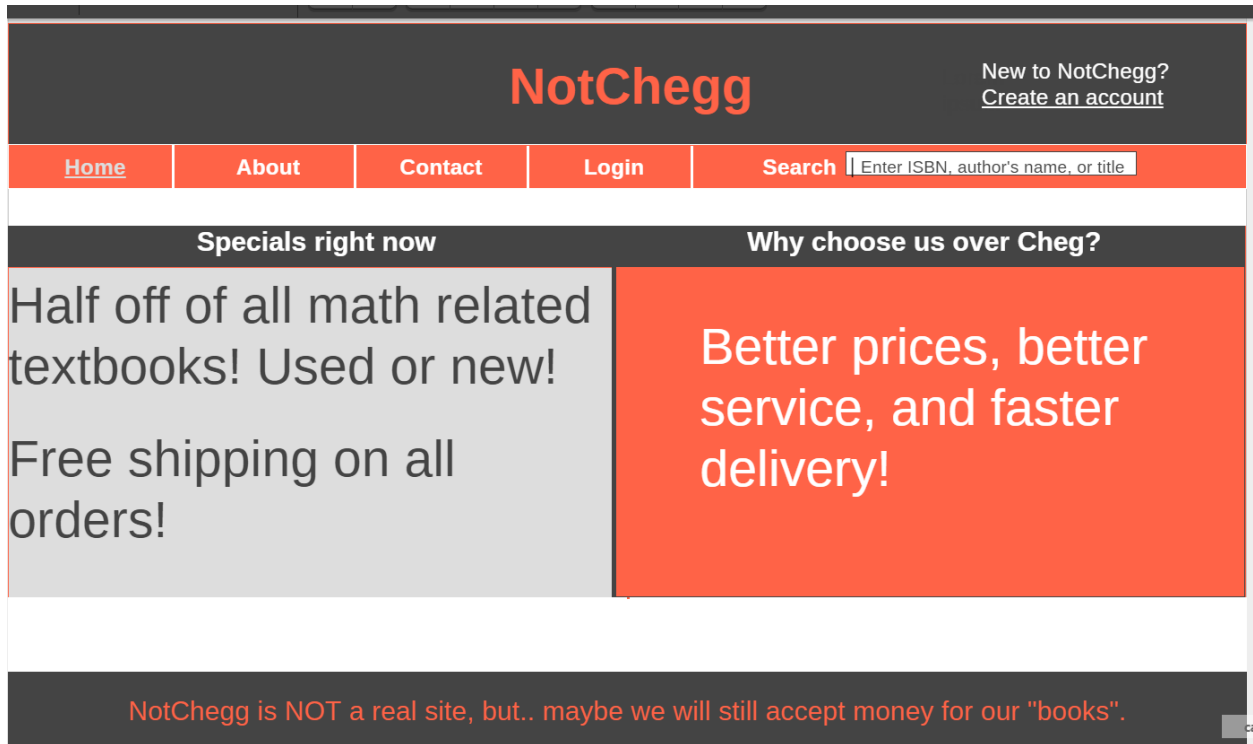
3.15.2 Actors
1. User
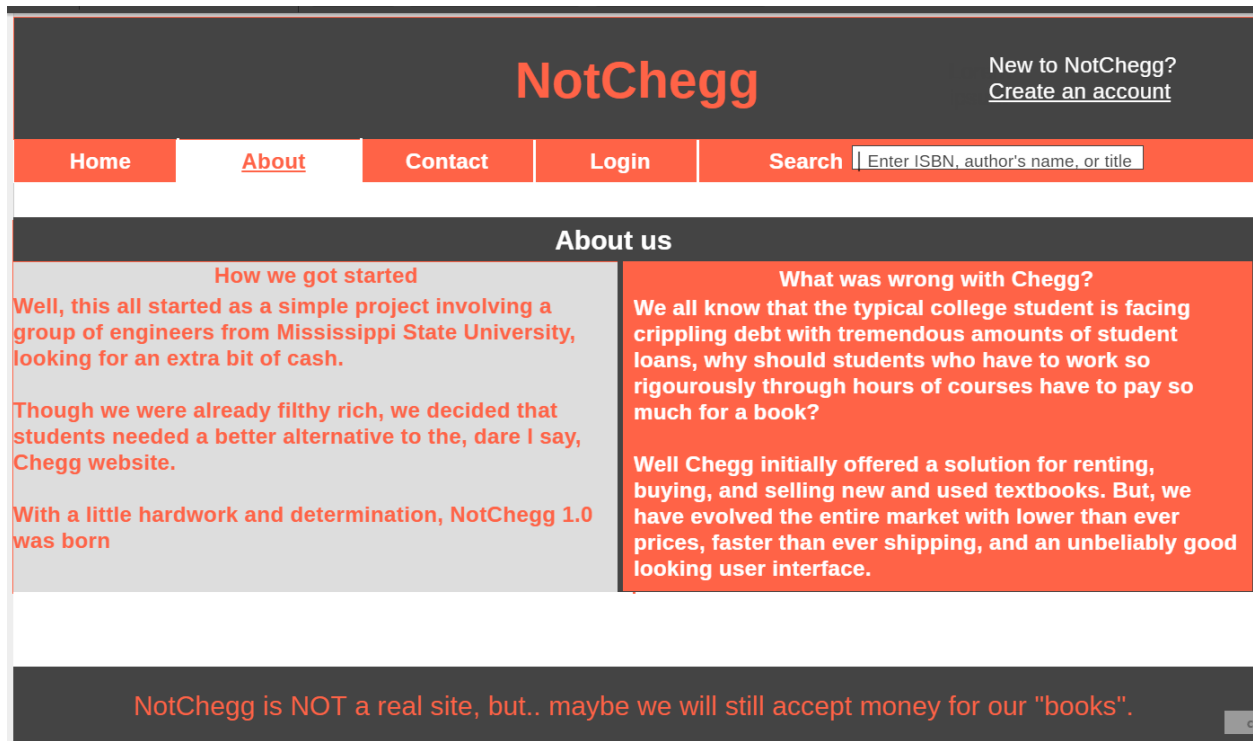2. Admin

3.15.3 Steps

1. Click your account name at the top
2. Click the "Logout" button
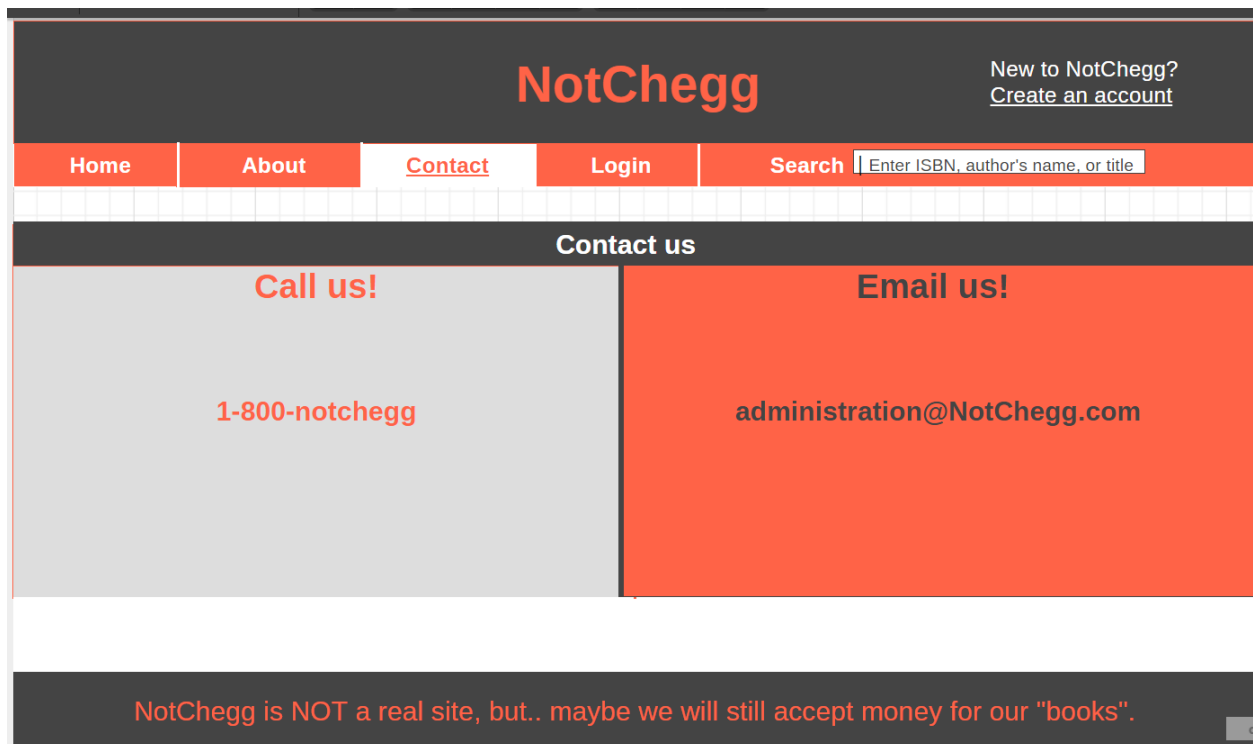
Appendix A: User Interface

A.1 Home page – The image below depicts what the site would look like when the user first arrives at the website or when the user clicks the home tab
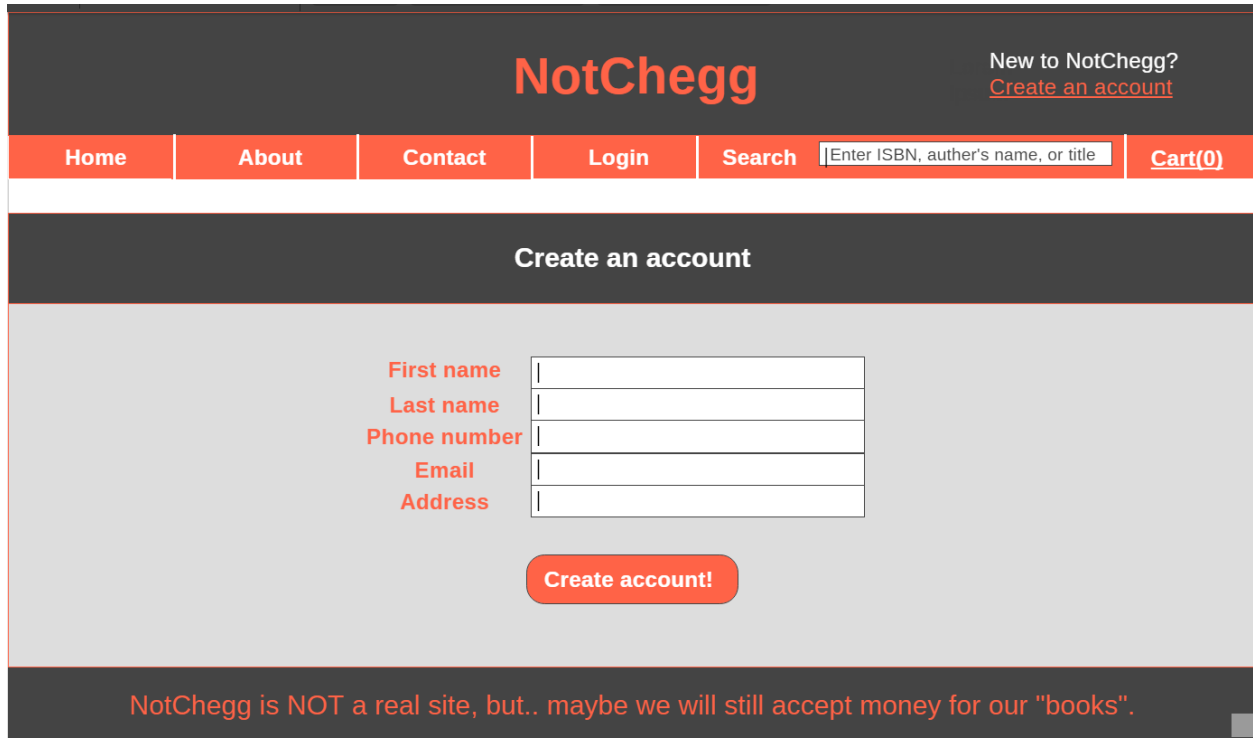
A.2 About page – the image below depicts what the web page would look like if the user clicked on the "About" tab

NotChegg

New to NotChegg?
Create an account

| Home | About | Contact | Login | Search | Enter ISBN, author's name, or title |

About us

How we got started

Well, this all started as a simple project involving a group of engineers from Mississippi State University, looking for an extra bit of cash.

Though we were already filthy rich, we decided that students needed a better alternative to the, dare I say, Chegg website.

With a little hardwork and determination, NotChegg 1.0 was born

What was wrong with Chegg?

We all know that the typical college student is facing crippling debt with tremendous amounts of student loans, why should students who have to work so rigourously through hours of courses have to pay so much for a book?

Well Chegg initially offered a solution for renting, buying, and selling new and used textbooks. But, we have evolved the entire market with lower than ever prices, faster than ever shipping, and an unbeliably good looking user interface.

NotChegg is NOT a real site, but.. maybe we will still accept money for our "books".

A.3 Contact page – the image below depicts what the web page would show if the user clicked on the "Contact" tab.

NotChegg

New to NotChegg?
Create an account

| Home | About | Contact | Login | Search | Enter ISBN, author's name, or title |

Contact us

Call us!

1-800-notchegg

Email us!

administration@NotChegg.com

NotChegg is NOT a real site, but.. maybe we will still accept money for our "books".

A.4 Create an account – the image below depicts what web page the user would be brought to should they click the "Create an account" link at the top right of the web page.
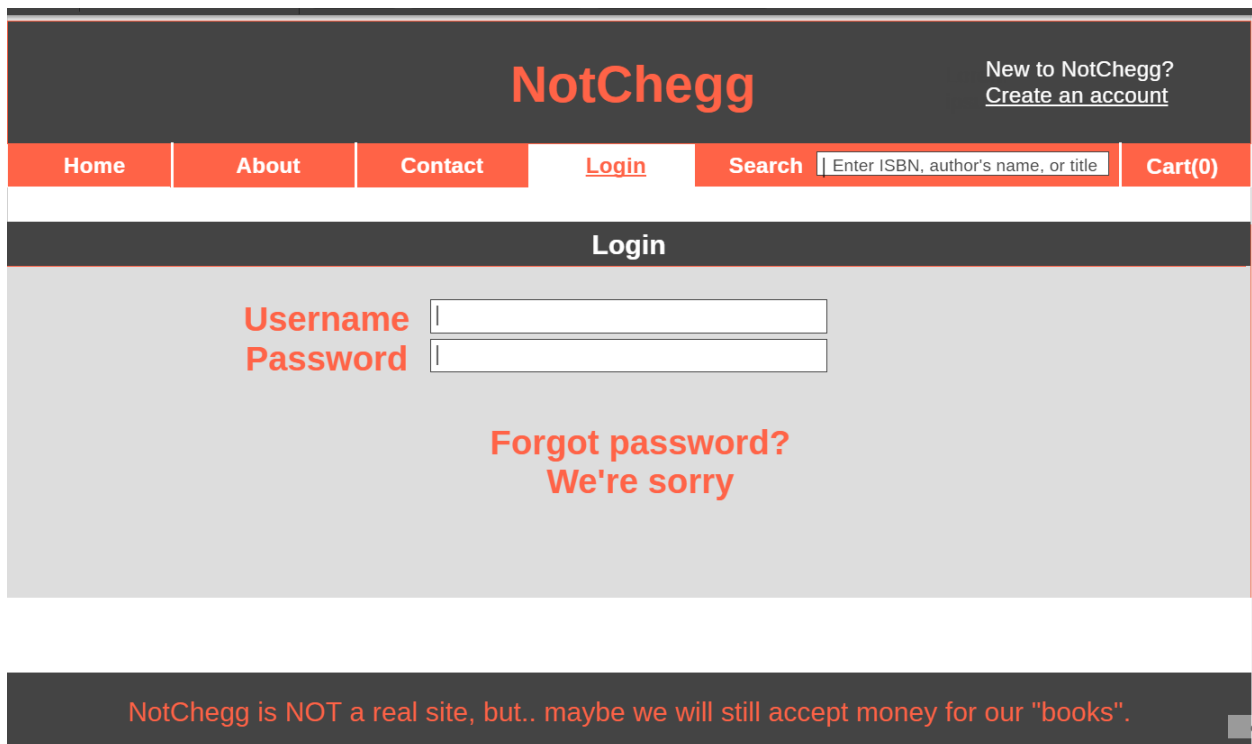
A.5 Login page – the image below depicts what web page the user would be brought to should they choose to click the "Login" tab

NotChegg

New to NotChegg?
Create an account

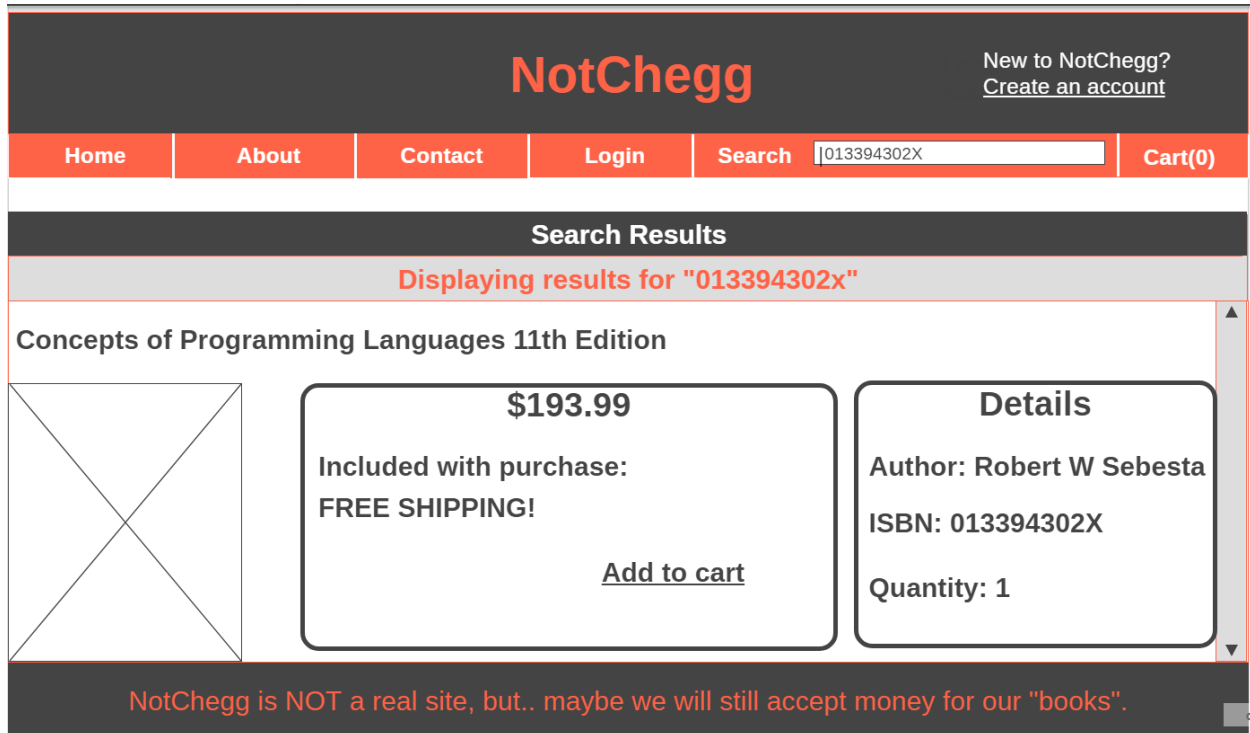| Home | About | Contact | Login | Search | Enter ISBN, author's name, or title | Cart(0) |

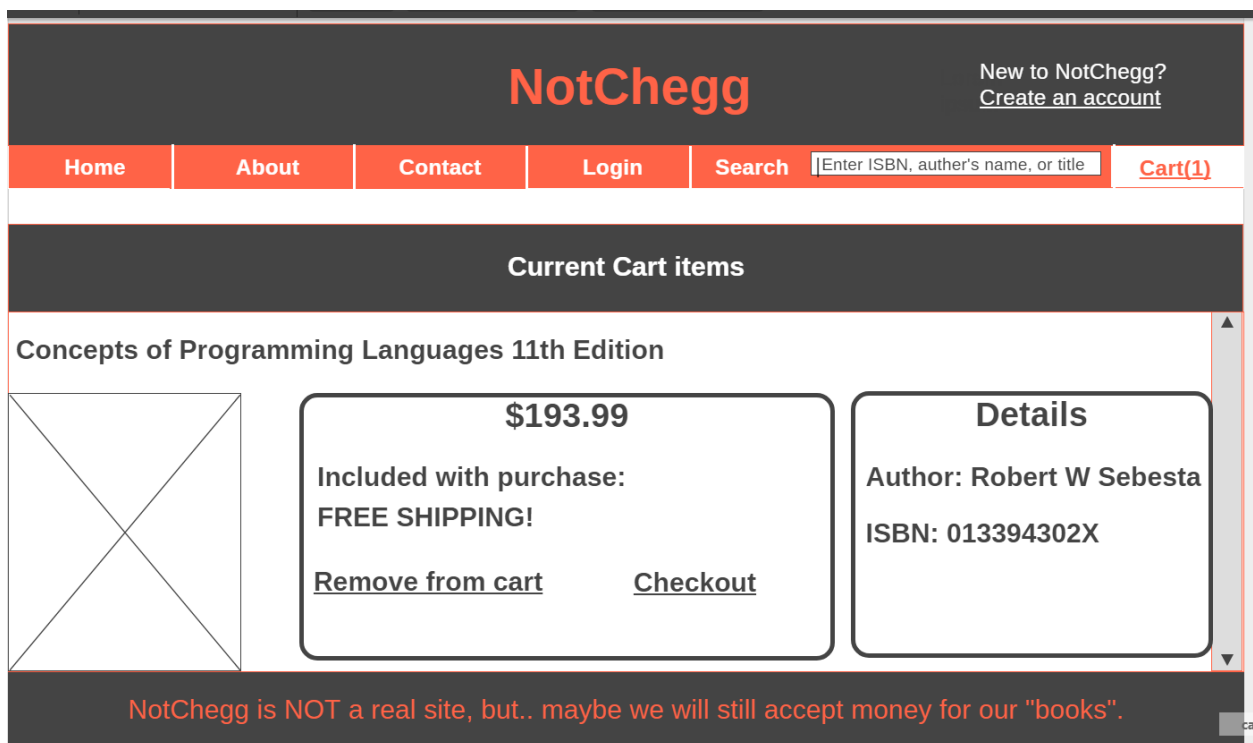**Login**

Username

Password

Forgot password?
We're sorry

NotChegg is NOT a real site, but.. maybe we will still accept money for our "books".

A.6 Search Results – the image below depicts the web page the user would be brought to should they enter a search term in the search box.

NotChegg

New to NotChegg?
Create an account

| Home | About | Contact | Login | Search | 013394302X | Cart(0) |

Search Results
Displaying results for "013394302x"

Concepts of Programming Languages 11th Edition

$193.99

Included with purchase:
FREE SHIPPING!

Add to cart

Details

Author: Robert W Sebesta

ISBN: 013394302X

Quantity: 1

NotChegg is NOT a real site, but.. maybe we will still accept money for our "books".

A.7 Cart – the image below depicts what web page the user would be brought to should they click the cart tab with at least 1 item in the cart.

NotChegg

New to NotChegg?
Create an account

| Home | About | Contact | Login | Search | Enter ISBN, auther's name, or title | Cart(1) |

Current Cart items

Concepts of Programming Languages 11th Edition

$193.99

Included with purchase:
FREE SHIPPING!

Remove from cart   Checkout

Details

Author: Robert W Sebesta

ISBN: 013394302X

NotChegg is NOT a real site, but.. maybe we will still accept money for our "books".

A.8 Checkout – the image below depicts the webpage the user would be brought to should they wish to checkout.

Appendix B: Initial Task and Role Assignments

Initial Task Assignments
 Tyler Anthony:
 Bo Fulgham:
 David Gullett:
 Dillon Harrison:
 Zach Martin