CSCI5709 - Advanced Web Services
Summer 2023

Assignment 1
Individual Submission

Submitted By:
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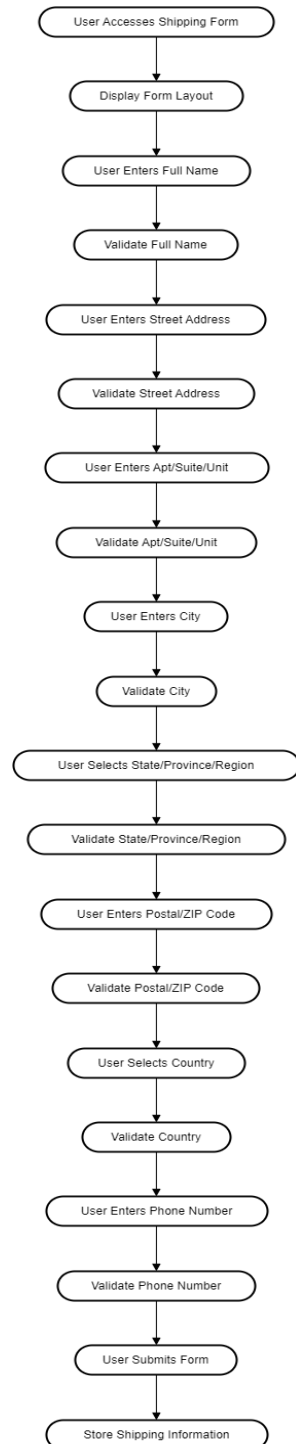**B00925398**

About the Project:

The project is a comprehensive e-commerce platform similar to eBay, featuring user management, item listing, bidding, and cart functionalities. It includes advanced capabilities like wishlist creation, email notifications, shipping and billing address validation, and user ratings to enhance the buying and selling experience. More details about the project have been included in our group submission.

Feature:

The Shipping Details Form allows users to input their contact details and shipping location. It includes an option for users to indicate if their billing information is the same as their shipping details. If not, users must enter their billing information separately. If the billing information is the same, the billing info section is hidden.

A1.5. User Experience and Task Flow

Task 1: Shipping Information: Create Form for Entering Shipping Details

Figure 1: Task Flow Diagram of to render Shipping Information

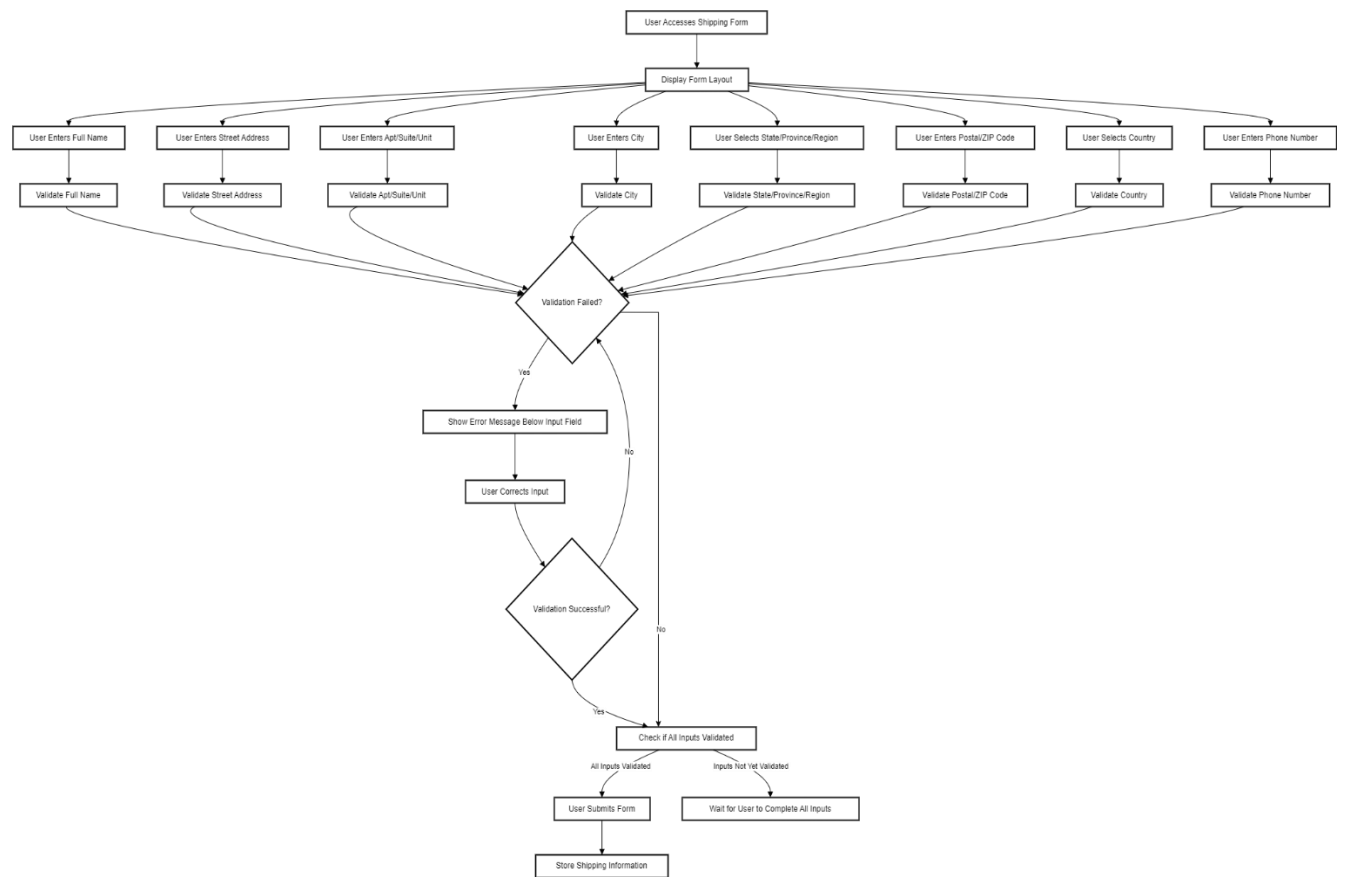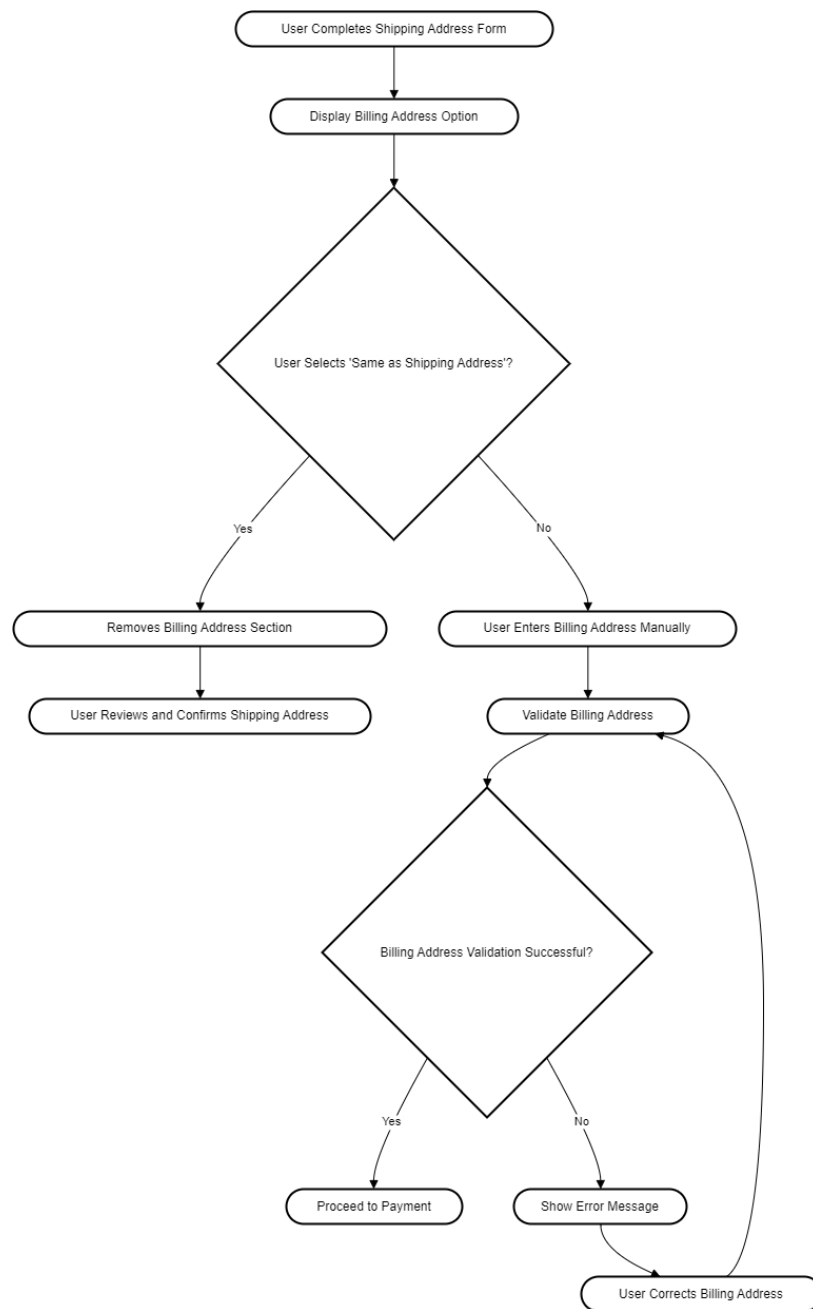## Task 2: Address Validation: Implement Address Validation

Figure 2: Task Flow Diagram of Shipping Form Validation

Task 3: Is Billing Address Same as Shipping Address Validation

Figure 3: Task Flow Diagram if Billing Address Same as Shipping Address

A1.6. Lo-Fidelity Prototype

Task 1: Display Shipping Form Page to the User

Figure 4: Lo-Fidelity Prototype of Shipping Form Page

A1.6. Semi-Functional Prototype

In the semi-functional prototype submitted for this assignment, I have implemented Task 1 (Creating the form for entering shipping details) and Task 3 (Validating if the billing address is the same as the shipping address). The prototype includes the display of the form and its fields, a checkbox that either hides or displays the billing section, contact details form validations, and the display of product details using hardcoded data. These tasks have been successfully implemented and are functioning as intended using the provided sample data.

Gitlab URL of Assignments Repo: https://git.cs.dal.ca/cgarg/csci-5709/-/tree/master/Assignments?ref_type=heads

Giltab URL of A1 Folder Inside Assignments Repo: https://git.cs.dal.ca/cgarg/csci-5709/-/tree/master/Assignments/Assignment%201?ref_type=heads

Deployed URL: https://a1-chinmaya-garg-b00925398.netlify.app/

References:

[1] "Draw.io - free flowchart maker and diagrams online," Flowchart Maker & Online Diagram Software, https://app.diagrams.net/ [accessed Jun. 6, 2024].

[2] "The Collaborative Interface Design Tool," Figma, https://www.figma.com/ [accessed Jun. 6, 2024].

[3] "Quick start," React, https://react.dev/learn [accessed Jun. 6, 2024].

[4] "The Netlify Dashboard needs JavaScript :(," Netlify App, https://app.netlify.com/ [accessed Jun. 6, 2024].