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GitHub Link: <https://github.com/bryanheiser/csci4448>

Title: Winter Sports Equipment Store

Project Summary: This will be an online store for winter sports equipment. Users will be able to view products in inventory, search for specific equipment, add items to their cart, checkout, and log in/out of their account.

Project Requirements:

<i>User Req. ID</i>	<i>User Requirement</i>	<i>Description</i>
UR-01	Customer can add an item to their cart	Customer must be logged in to their account and currently viewing the item they would like to add to their cart.
UR-02	Customer can remove an item from their cart	Customer must be logged in to their account, be viewing their cart, and their cart must contain one or more items.
UR-03	Customer can view an item	Customers must have either searched for an item and clicked to on it.
UR-04	Customer can view their cart	Customer must be logged in to their account.
UR-05	Customer/Admin can search for an item	There must be a match between product names and search input for results to be displayed.
UR-06	Customer can create an account	Customer must have a valid email address and meet the password requirements.
UR-07	Customer can delete their account	Customer must have an already have an account and must be logged in to do this task.
UR-08	Customer can checkout	Customer must be logged in to their account, have at least one item in their cart, and enter a valid form of payment.
UR-09	Customer/Admin can log in	Both users must have an account.
UR-10	Admin can view a Customer's account	Admin must be logged in and the customer must have an account.
UR-11	Admin can remove a Customer's account	Admin must be logged in and the customer must have an account.
UR-12	Admin can add items to inventory	Admin must be logged in.
UR-13	Admin can remove items from inventory	Admin must be logged in.
UR-14	Admin can adjust price of an item	Admin must be logged in and the item must exist in inventory.

UI Mockups:

A hand-drawn UI mockup of a registration form. At the top is a circular profile icon. Below it are four input fields: "Email Address...", "Password...", "Verify Password...", and a "Create Account" button.

A hand-drawn UI mockup of a product detail page. At the top left is "< Item Name" and a circular icon. Below is a "Photo" placeholder. To the right is a "Description:" label. Below the photo are navigation arrows and a "Quantity" selector with a dropdown arrow. To the right of the quantity is an "Add to Cart" button.

A hand-drawn UI mockup of a user profile menu. At the top is a circular profile icon. Below it are four buttons: "View Cart", "Remove Account", and "Log Out".

A hand-drawn UI mockup of a checkout form. At the top is "Checkout" and a circular icon. Below is "Payment Information" with fields for "Credit Card Type", "Credit Card Number", "Date", and "CVV". A "Continue" button is at the bottom right.

A hand-drawn UI mockup of a product listing page. At the top is a search bar with "Mittens" and a magnifying glass icon. Below are six "Photo" placeholders arranged in a 2x3 grid.

A hand-drawn UI mockup of a shopping cart page. At the top is "Your Cart" and a circular icon. Below is a list of items: "Snowboard" and "Jacket", each with a "remove" link and a quantity selector (1 and 2 respectively). A "Checkout" button is at the bottom right.

Class Diagram:

