

GetSmart

Abstract

This Study Buy website is meant to be a one stop shop for all items/services a college students needs on a regular basis. This includes, but isn't limited to, supplies for dorms/offices (furniture, school supplies, miscellaneous items) and services (tutoring, transportation).

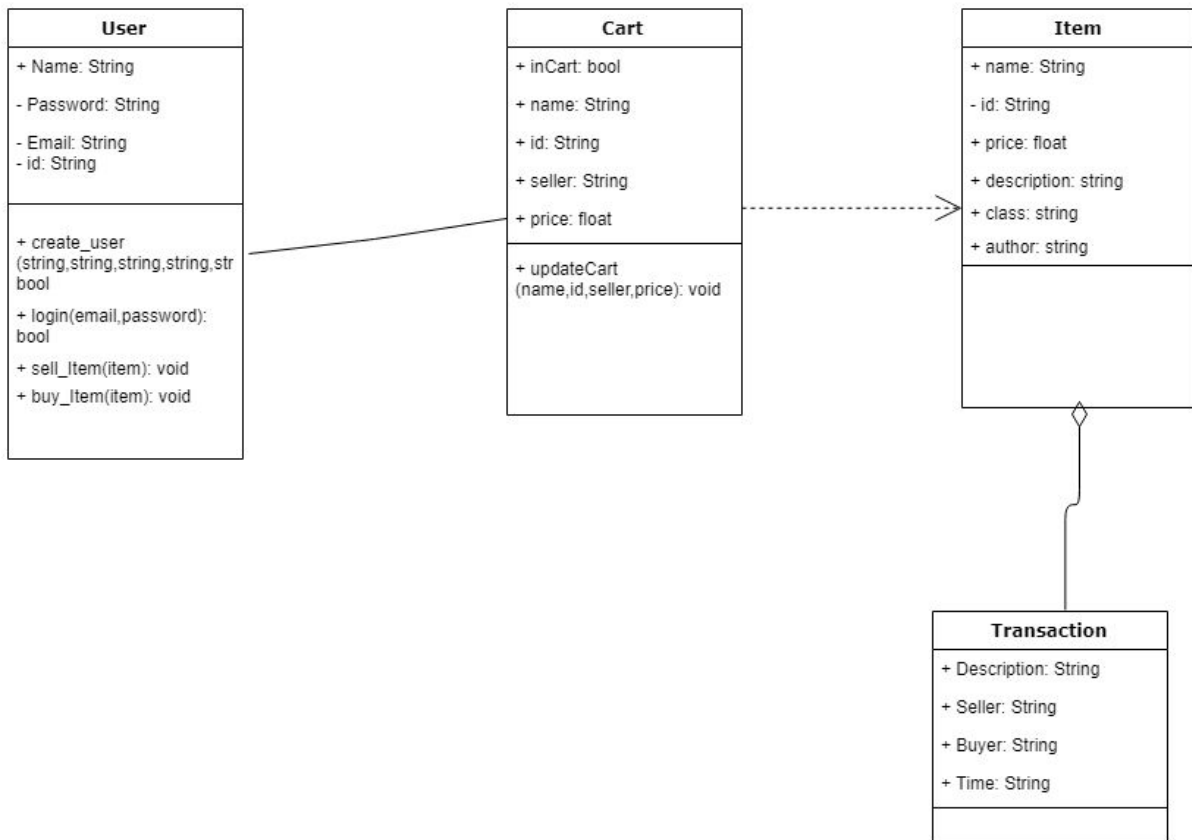
Functional Requirements

1. Manage Transaction User of Funds
 - a. User can sell physical items on marketplace
 - i. User can select item category
 - ii. User can select item image
 - iii. User can select item price
 - iv. User can select item description
 - b. User can sell personal services on marketplace
 - i. User can select service type
2. Create User
 - a. User will verify college status
 - b. User will update profile with personal data
 - c. User will add payment method
3. GUI
 - a. User can use mouse to interact with all site inputs
 - b. User can resize window without losing site information
4. Display transaction
 - a. User can allow their transaction to be displayed on public transaction board (like Venmo)

Roles for the marketplace will be:

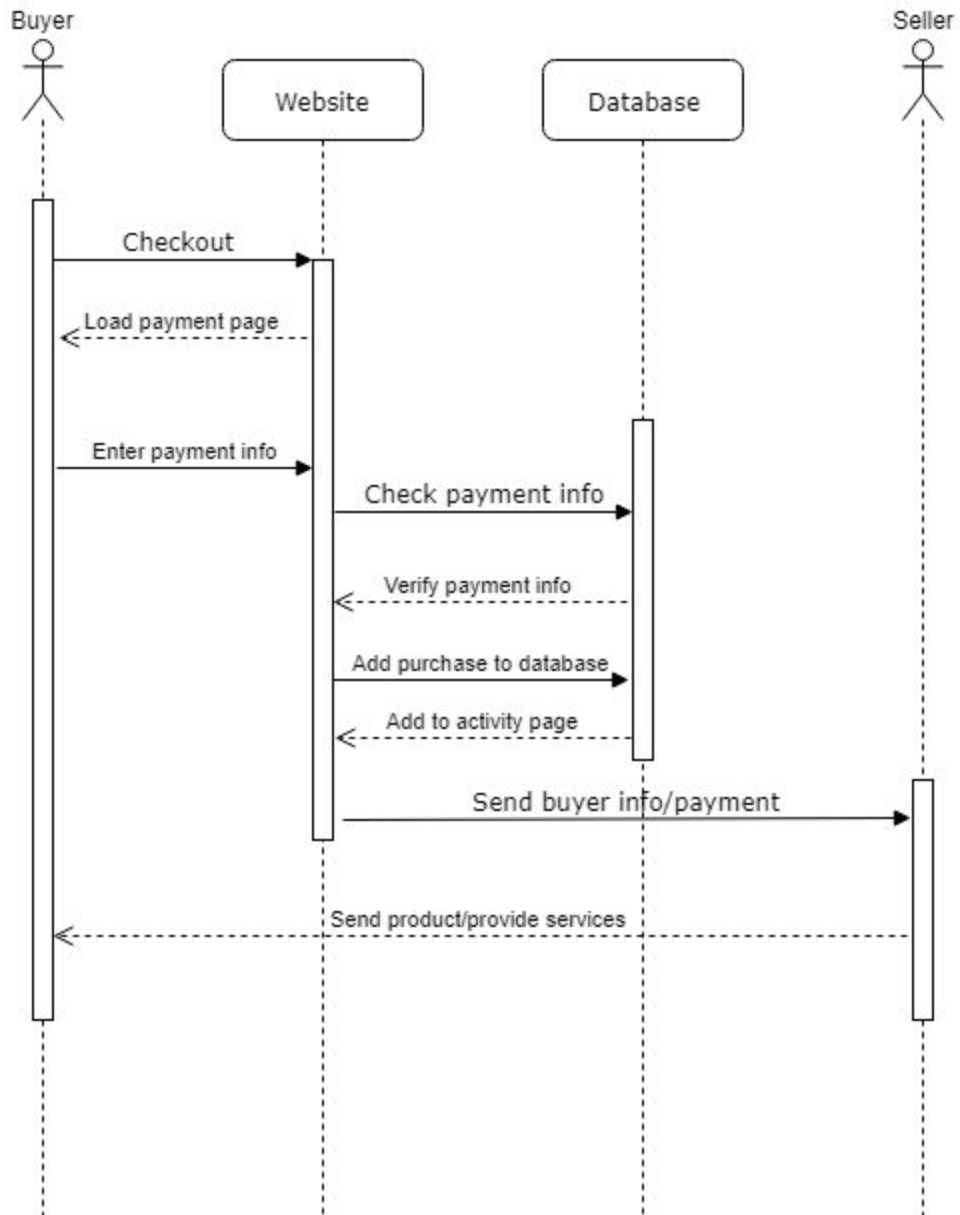
- General User
 - Can buy and sell
 - Can post items to the public transaction board

Class Diagram:

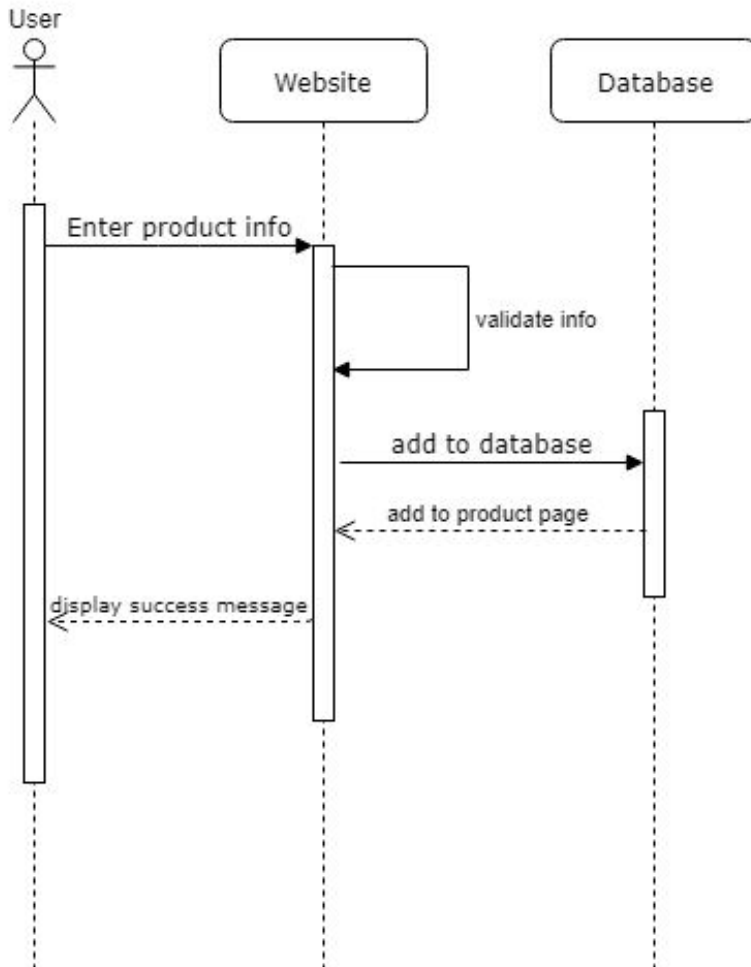


Sequence Diagrams:

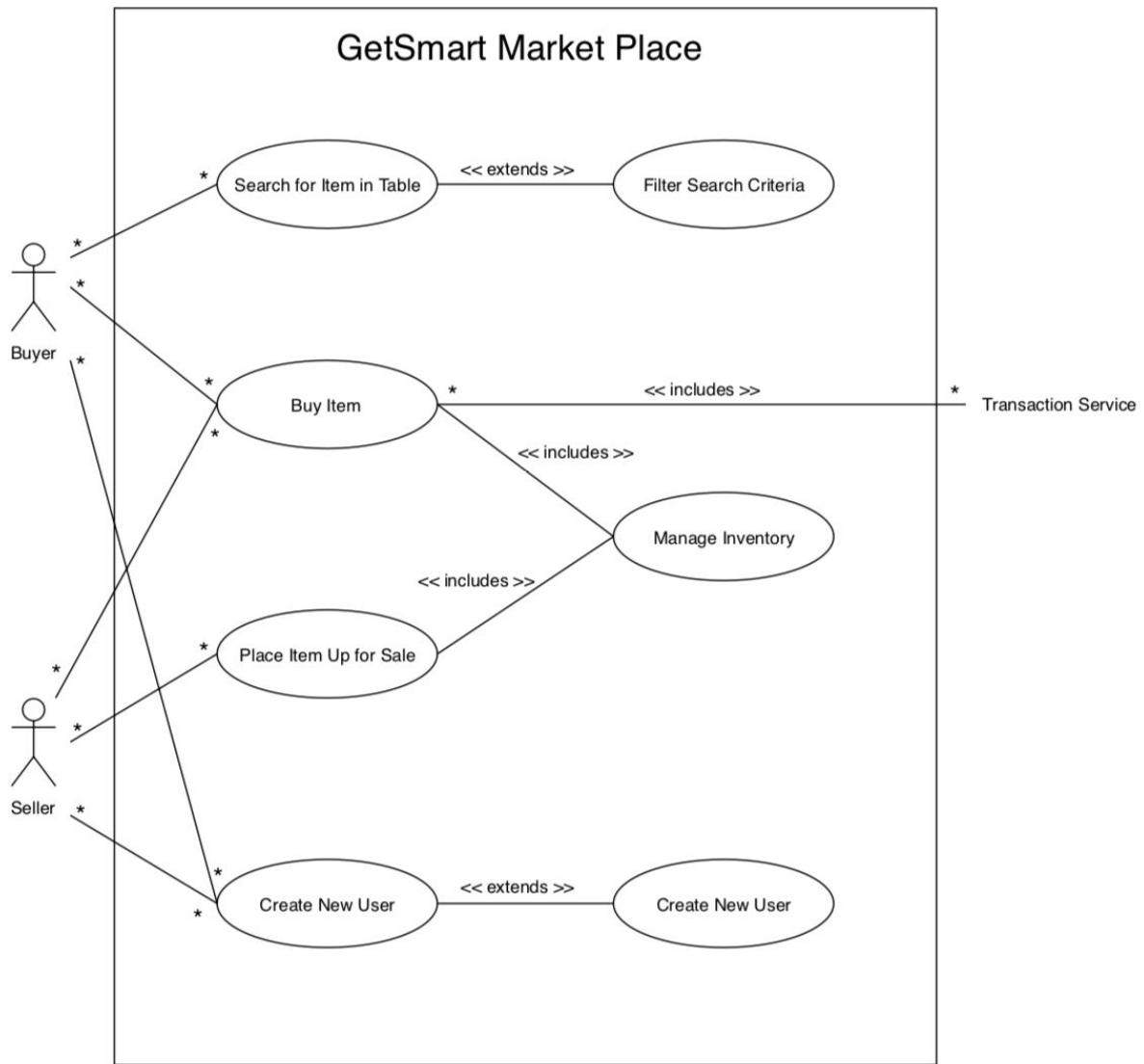
Make Purchase



Sell Item



Use Case Diagram:



Use Case Name: Buy Item	ID: 1	Importance Level: High
Use Case Actor: User		
Stakeholders and Interests: User – wants to buy an item		
Brief Description: This use case describes how a user can an item on the open marketplace from another user		
Trigger: Users selects “Go to Cart” from the buy page		
Type: External		
Relationships: Association: User Include: Item Extend: Generalization:		
Normal Flow of Events: <ol style="list-style-type: none">1. The user clicks the move to checkout button2. If the user clicks the “remove” button to remove an item from their cart<ol style="list-style-type: none">a. Execute the Remove Item From Cart method3. The User moves to the payment page4. The User enters their billing, shipping, and credit card information<ol style="list-style-type: none">a. If incorrect, the payment won’t go through5. User can use the back option to return to previous screen.6. If successful, the user ends on a congratulations page		