



Project Synopsis

Lab: Internet Tool and Technology Lab

Sem: VI sem B. Tech

Team members :

Aniket Saxena	190911136
Mahek Mishra	190911110
Sneha Dharne	190911088

Branch: IT

Batch: B1

Date of submission: 9/4/22

Title: A Platform For Smalls Book-Sellers

Abstract

The book community has started flourishing again after Instagram took over the peer to peer book resale business. These small businesses have gained popularity worldwide but still, don't have a proper infrastructure to showcase their inventory, get orders and keep track of the shipments. Another that our avid reading customer base may have is the credibility and being prone to getting scammed. We thus aim to provide a trusted platform for both sellers and buyers with this website. Customers can browse the catalog and select books of their interest from various Book Sellers that have signed up with us. Sellers can provide us with their product information that will be verified and put up on the site.

Introduction

With entrepreneurship booming right now, there has been a surge in small businesses. Many of these small businesses are solely based on Social Media like Instagram and are popularly called Instagram Stores. These stores don't have a proper database/website/system set up to manage and receive orders and ask customers to message them if they're interested in knowing a particular product's price. This is why we felt it was imperative that these businesses get a platform.



Problem Statement: We aim to provide small bookstores a platform to showcase their products and grow their business

Objective:

Our objective is to provide a proper buying and selling system to these small businesses and a platform that presents to users what they're selling, what is sold out at any point of time, adding books to cart, see and compare prices, etc.

We want to help them gain credibility so that people don't reject their products just because they're small brands.

Proposed methodology:

The website starts off with the user(customer) having to log in/sign up. Once logged in, the user is free to browse through the products, add to cart, remove from cart, filter and search for items, increase/decrease the quantity of each item and check what items are present in the cart at any particular time. These cart contents are retained when the user logs in again later.

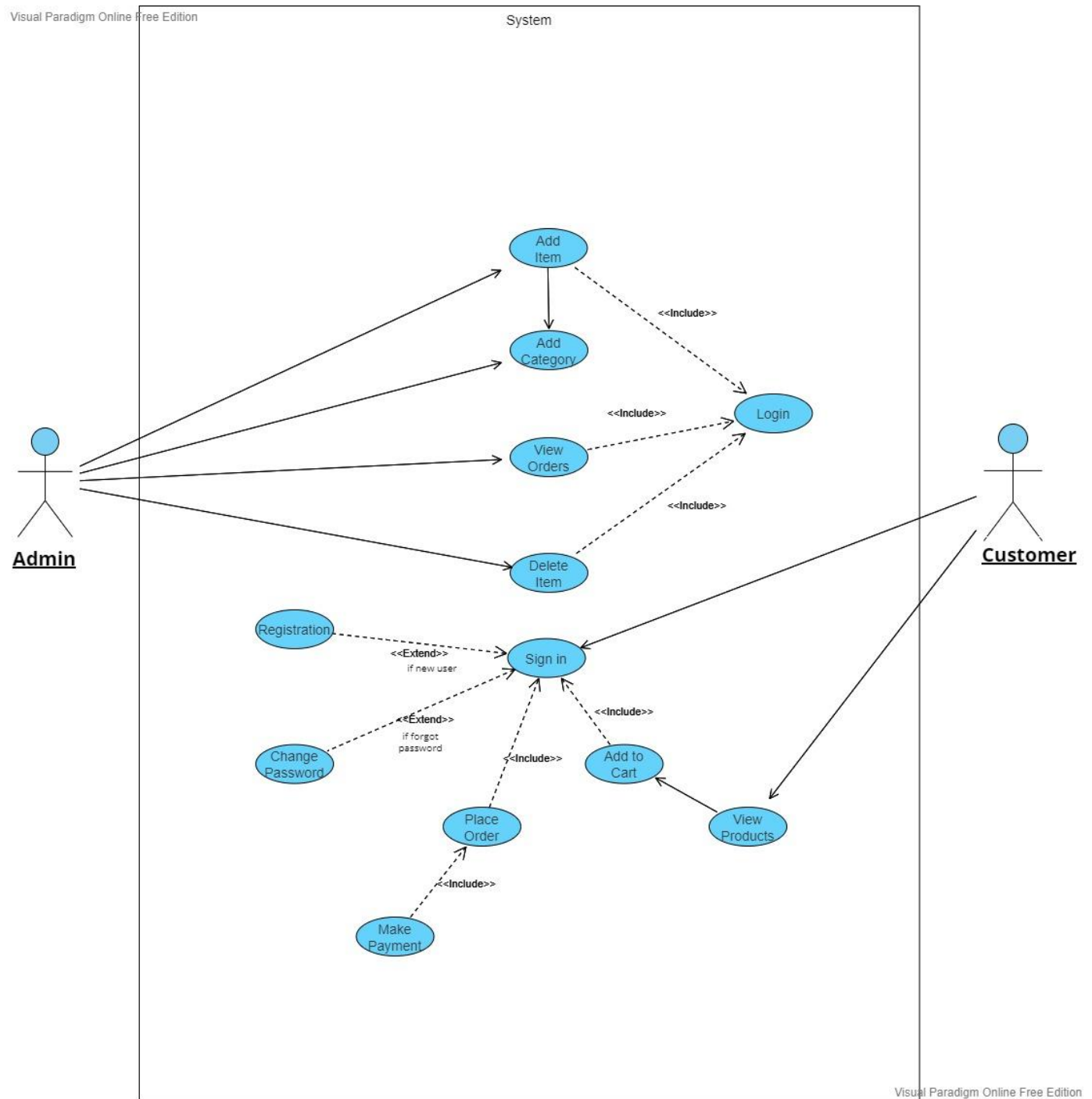
The user can then proceed to checkout, fill out shopping details like address and check the final amount and order details and make a payment.

As for the admin, there is a separate admin dashboard that needs to be logged into. The admins can add new items with their categories, details, store names, etc. This makes it easier for the customers to trust our site as products are added from the admin end and all sellers are verified.

Tech Stack used: HTML, CSS with Bootstrap, Django with Python, AllAuth, SQLite

IDE: VSCode

Usecase Diagram





Use Case Specification for:

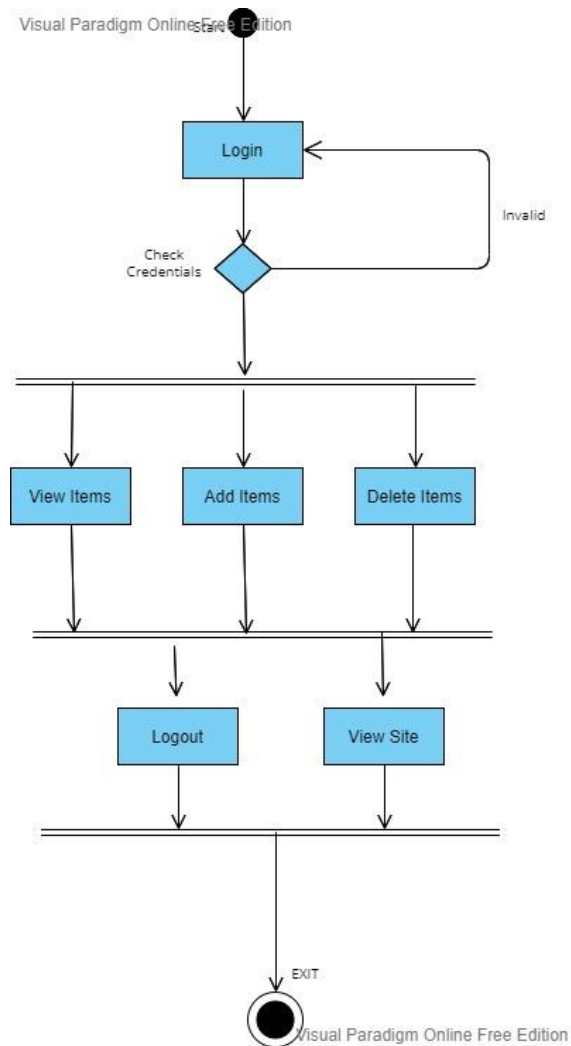
Sign In: This case is for Customer users. User needs to be signed in to add items to cart or place an order. If a customer is a new user then he can register. If a customer has forgotten password then he can change it.

Add Category: This use case is for the Admin user. He adds category after having added the item and adding item can only be done after Admin is logged in.

Activity Diagram

Admin Side:

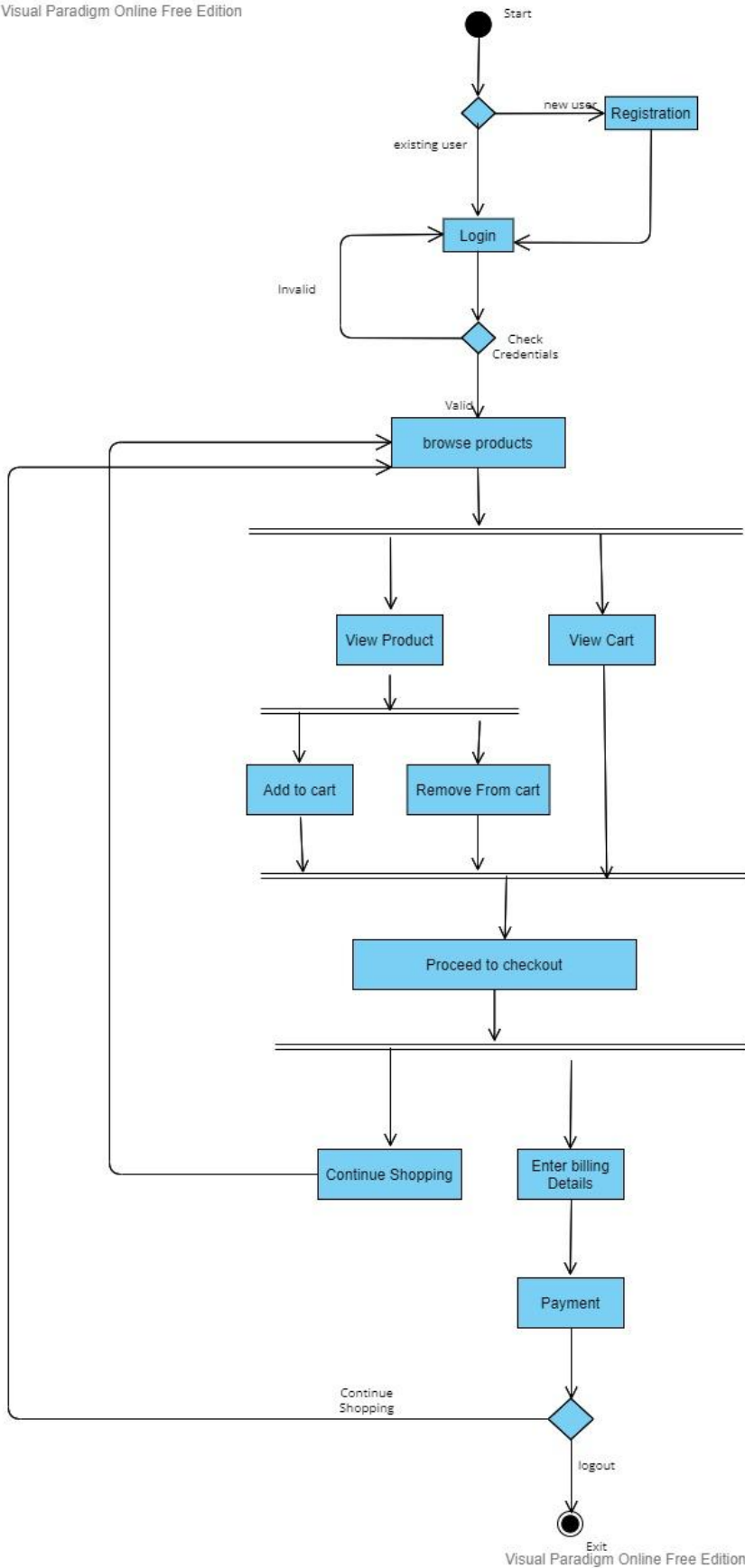
The admin has to sign in before he can view any information like orders placed, users, items shown on website. He can also add and delete items as required.



User Side:

The user registers or signs in, browses products, adds them to cart, removes an item from cart if needed, proceeds to checkout and makes a payment. Users can easily continue shopping after placing an order.

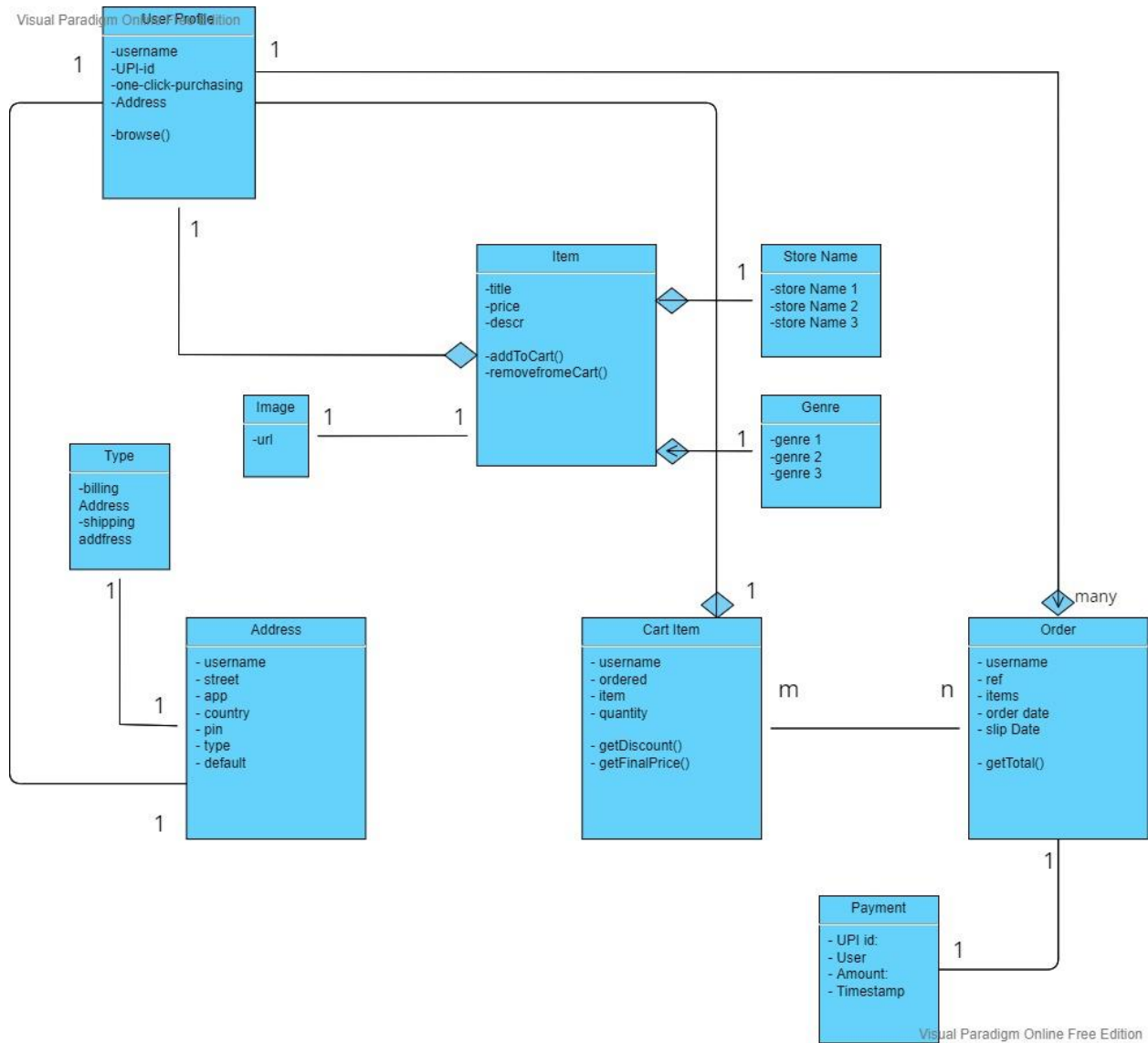
Visual Paradigm Online Free Edition



Visual Paradigm Online Free Edition

Class Diagram

There are many classes that can be identified in this model, like Item, User Profile, Genre, Type of Address, etc. These classes further have a lot of attributes and functions.



Result and Conclusion:

Using website development, we shall effectively reduce the load on small business owners, make their business more systematic, help them gain credibility, increase their customer base and help them provide customers a user-friendly, easy transaction shopping experience.