

The Rhystic Storefront

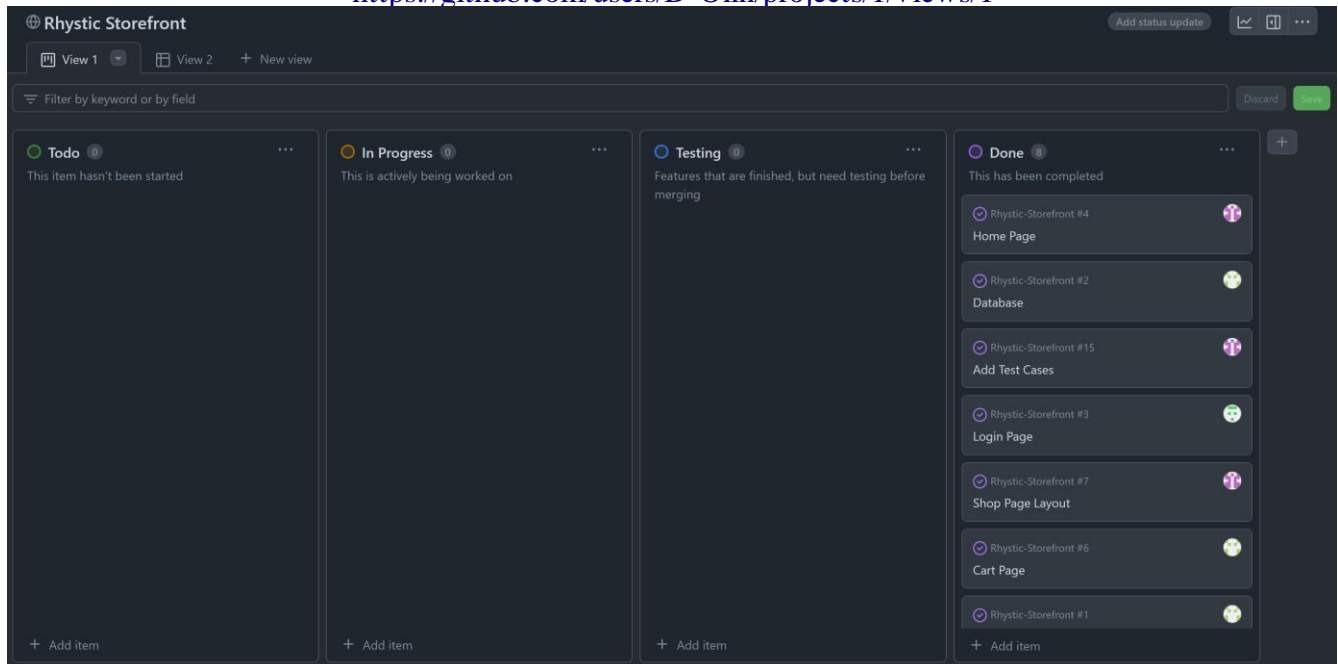
Byron Liu, Diego Olin, Kanishka Jayatilake

Project Description

The Rhystic Storefront is a web app that allows Magic: the Gathering players to buy and sell Magic cards with ease. Users are able to make an account, and with that account, easily search up cards that they want, add or remove them from their cart, and purchase cards from their cart. They can also view their own cards, including cards that they've bought from the site, and list them for sale at custom prices. Card search functionality is powered by the Scryfall API, a comprehensive Magic card database which allows for easy and accurate searching of cards.

Project Tracker

<https://github.com/users/D-Olin/projects/1/views/1>



Video

insert link to video here

VCS

<https://github.com/D-Olin/Rhystic-Storefront>

Contributions




Byron

I worked primarily on the home page, store search page, navigation bar, Handlebars partials, test cases for login/register, and did debugging of code for Kanishka when he couldn't run code on his device. I also served in a scrum master-esque role when it was needed during our weekly meetings, assigning tasks and checking in on progress, as well as leading discussions about things if we needed a full team discussion.

Title	Assignees	Status
1 <input checked="" type="checkbox"/> Home Page #4	bliu777	<input checked="" type="checkbox"/> Done
2 <input checked="" type="checkbox"/> Add Test Cases #15	bliu777	<input checked="" type="checkbox"/> Done
3 <input checked="" type="checkbox"/> Shop Page Layout #7	bliu777	<input checked="" type="checkbox"/> Done

Diego

I worked on the database, cart page, inventory page, routes for both pages, and additional features including routes for adding cards from the store page to the cart, editing user profiles, and debugging of the routes for directly adding cards to user inventory.

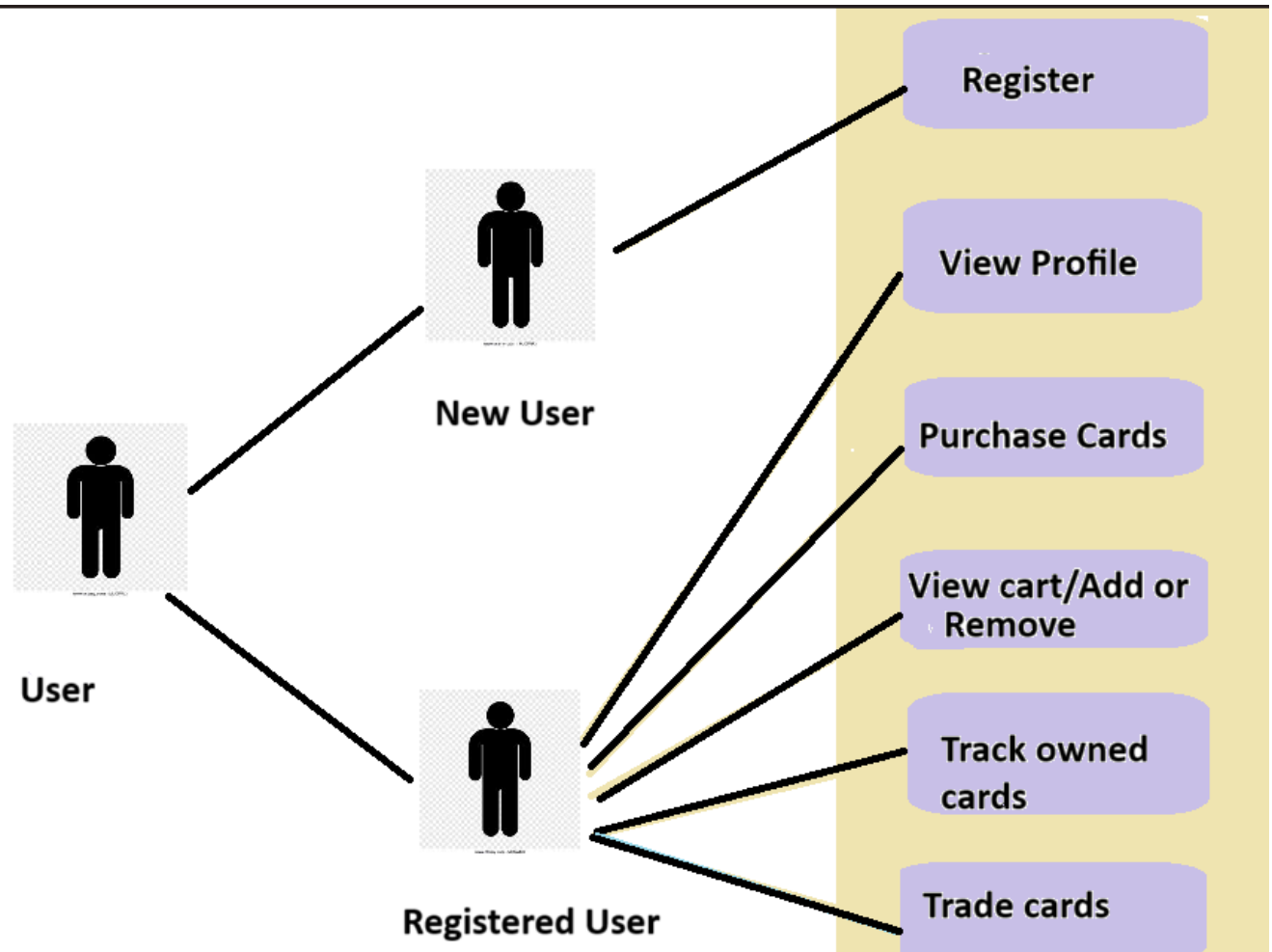
6	✓ Profile/inventory Page #1	 D-Olin	Done
7	✓ Database #2	 D-Olin	Done
8	✓ Cart Page #6	 D-Olin	Done

Kanishka

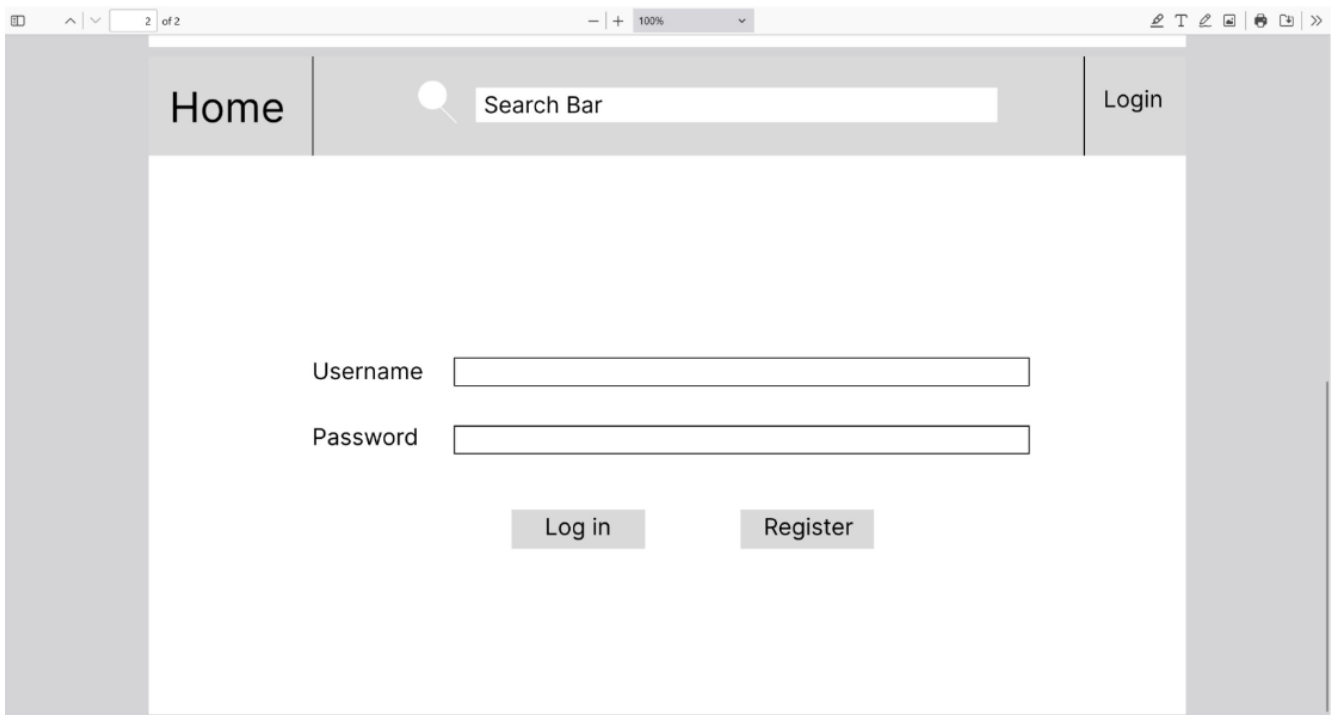
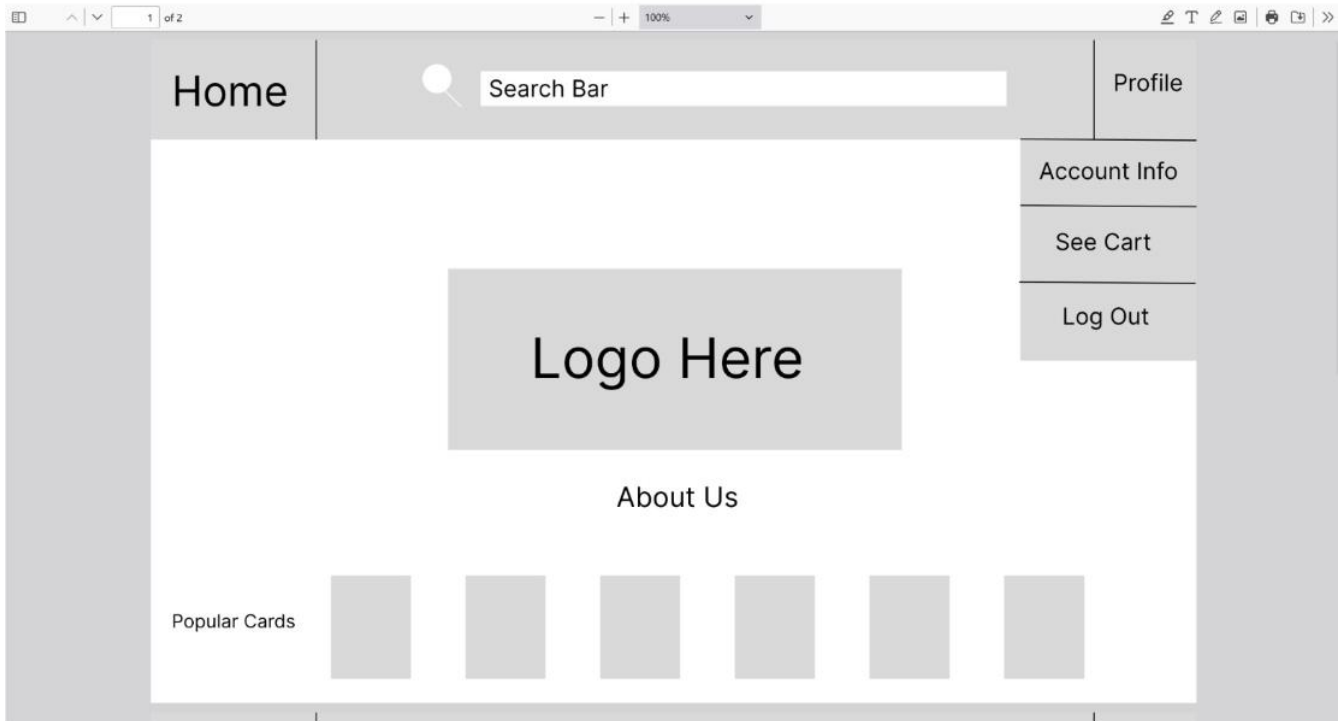
I worked primarily on the login/signup pages, trade page, and routes for both pages. I built theoretical test cases for login/register but i didn't have a chance to check them due to network problems in my computer. The Login/Signup page allows users to securely access their accounts or create a new one using their email and password. When you sign up using email and password, that information is hashed with bcrypt and saved in database. The trade page allows you to sell your purchased card to other users of the website. It also shows your cards being sold by other users. This page allows you to set your own price for the cards when you sell them.

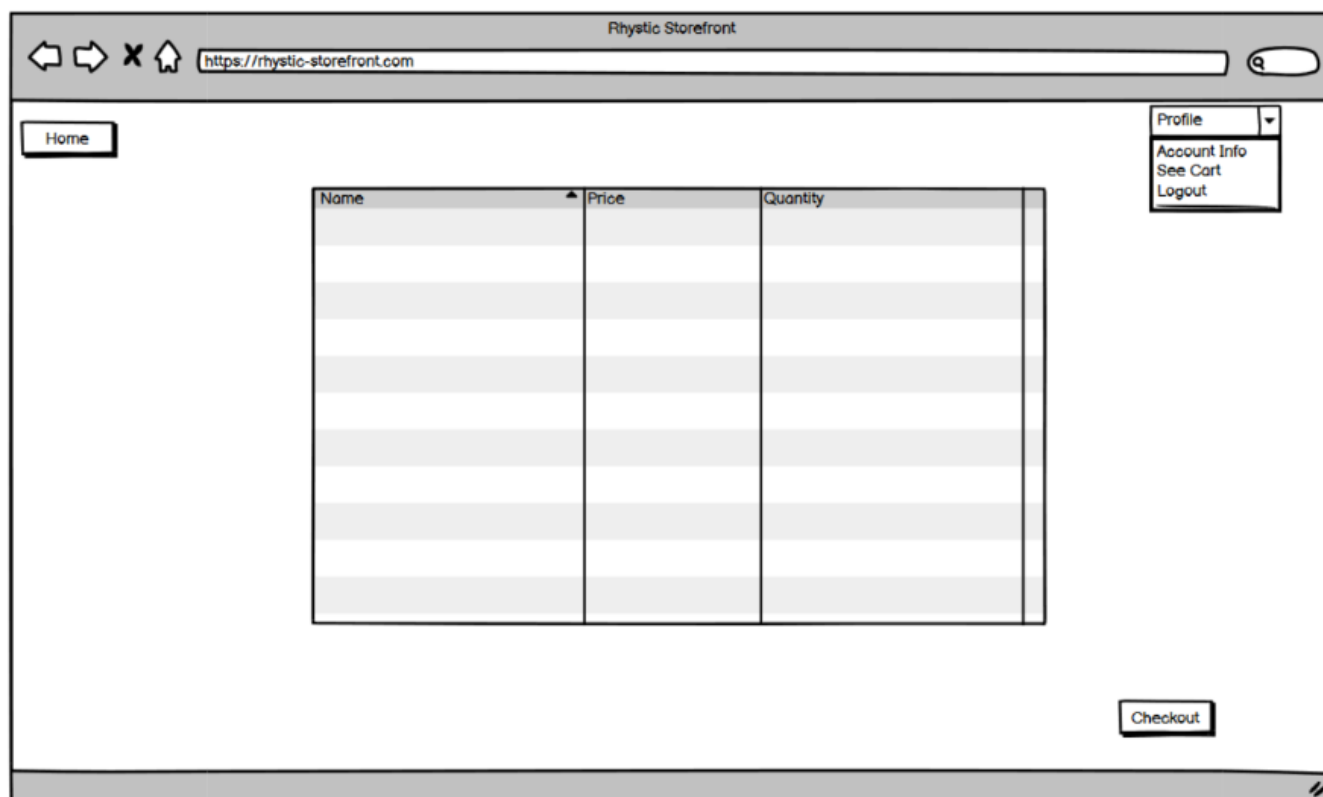
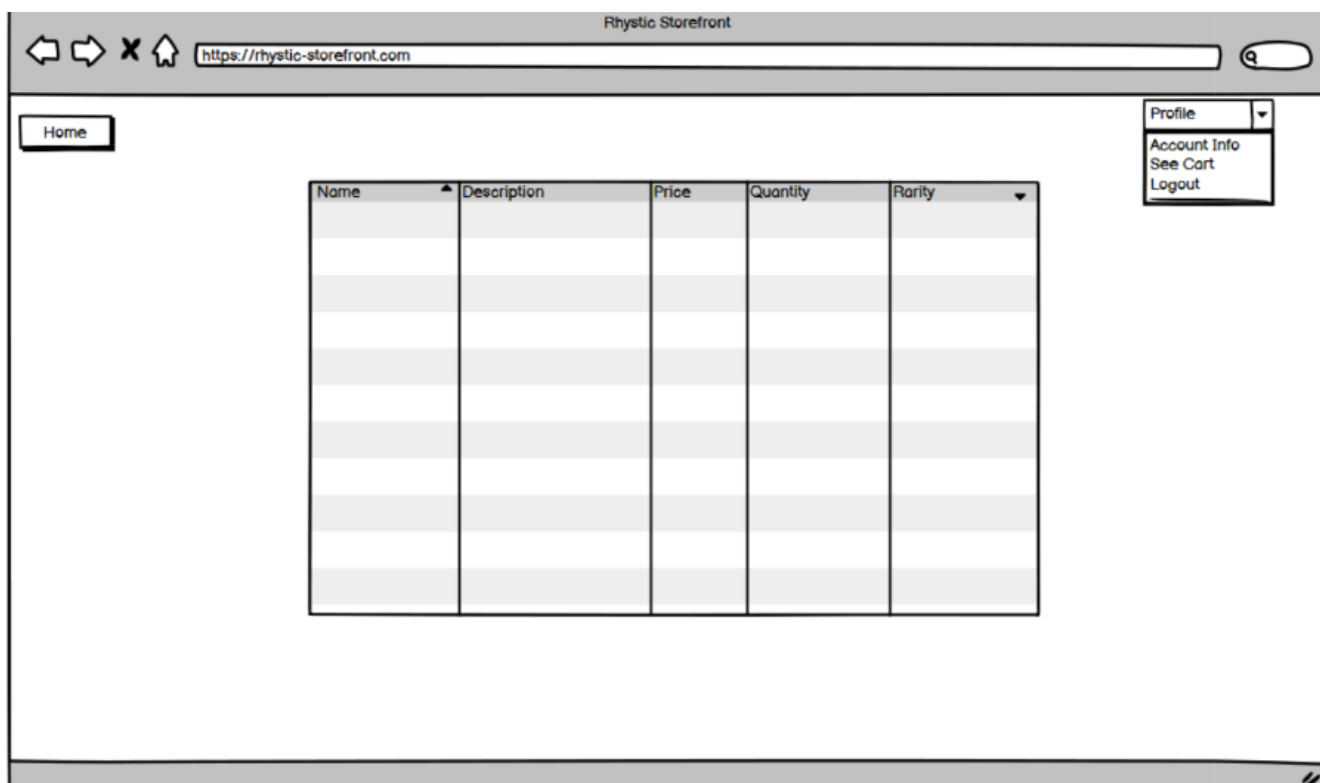
	Title	Assignees	Status
1	✓ Login Page #3	 KMJayathilake	Done
2	✓ Trading page #13	 KMJayathilake	Done

Use Case Diagram



Wireframes





Test Results

Test Case 1: User Account Creation

Description: Test the user registration process to ensure new users can create an account successfully.

Observations:

What are the users doing?

Users are filling out the registration form and submitting it.

What is the user's reasoning for their actions?

Users expect to create a new account to use the site.

Is their behavior consistent with the use case?

Yes users follow the registration process as expected.

Test Case 2: Card Search Functionality

Description: Test the card search feature to ensure users can search for Magic cards using the Scryfall API.

What are the users doing?

Users are entering keywords and initiating a search.

What is the user's reasoning for their actions?

Users expect to find specific magic cards to add to their collection or purchase.

Is their behavior consistent with the use case?

Yes, users perform searches as expected.

Test Case 3: Add to Cart

Description: Test the ability to add Magic cards to the shopping cart.

What are the users doing?

Users are adding items to their cart.

What is the user's reasoning for their actions?

Users want to purchase the selected cards.

Is their behavior consistent with the use case?

Yes, users follow the expected process to add items to the cart.

Test Case 4: Purchase Cards from Cart

Description: Test the checkout process to ensure users can purchase cards from their cart.

What are the users doing?

Users are completing the purchase process.

What is the user's reasoning for their actions?

Users want to buy the cards they have selected.

Is their behavior consistent with the use case?

Yes, users follow the expected process to complete a purchase.

Deployment

<https://rhystic-storefront.onrender.com/>