



BARTR PRESENTATION SLIDES

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Odom



INTRODUCTION

We are creating a trading website called Bartr that can help people receive goods and services if they do not have the proper money to go out and buy what they need. This website allows for easy access and messaging in order to for the users communicate and barter their respective good and services. A user can browse the home page for popular suggestions on services or use the search bar to find specific goods and services that satisfy their needs.



KEY FUNCTIONAL REQUIREMENTS

- User Registration and Login
- Trade Post Management
- Image Upload
- Browsing and Searching
- Profile Management
- Chat Features

MAIN USER INTERFACES

Registration

Bartr

Email

Confirm Email

Password



Confirm Password

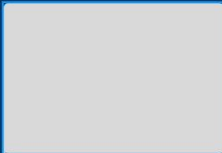
Name


Register

Home Page

Bartr









Title


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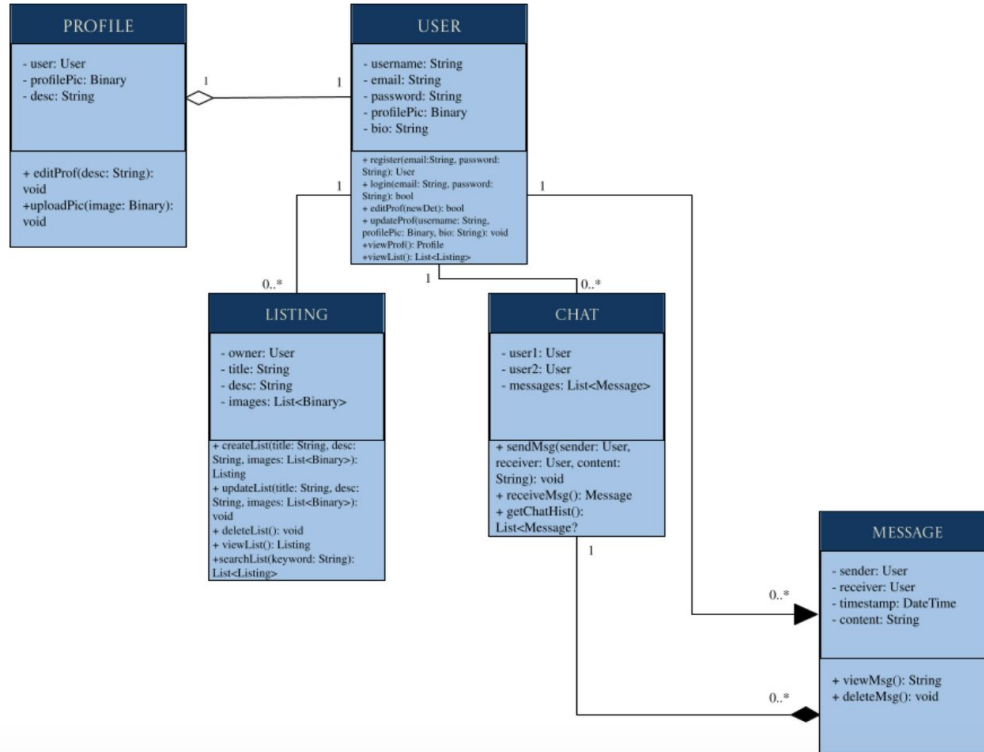




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CLASS DIAGRAM



DATABASE DESIGN

Table One: user(username, email, password, name)

<u>username</u>	email	password	name
rdlopez	rdlopez@email.com	abcd	Renee Lopez

Table Two: profile(username, pf_picture, desc, listings)

<u>username</u>	pf_picture	desc	listings
rdlopez		Crochet Sweaters	listing_id, listing_id, listing_id

Table Three: listing(post_id, username, title, desc, image, created_at)

<u>listing_id</u>	username	title	desc	image	created_at
1202	rdlopez	Red Sweater	Red Crochet Sweater		2/5/2025 11:01:23 AM

Table Four: messages(message_id, sender_id, receiver_id, content, timestamp)

<u>message_id</u>	sender_id	receiver_id	content	timestamp
1221	rdlopez	jodom	Abcd	2/5/2025 12:42:01 PM



TEST CASES

Registration/Login

USE CASE	Welcome and Registration/Login
DESCRIPTION	When entering Bartr, the user will be prompted to a welcome page, with a brief description of barter, its purpose, and its goal. The user will also be asked to login or to create an account below the site description. If the user does not have an account, they will be asked to provide an email, their first and last name, to create a password, and username. Users will be sent a welcome email from Bartr and a way to verify their account.
PATH	<ol style="list-style-type: none">1. Users will enter the Bartr website.2. The user will be prompted with a brief description of Bartr (ideally 5 sentences or less).3. There will be a choice to login or register for an account4. A new page to create an account if chosen will pop up5. Once logged in or an account has been created they will see the main page
EXPECTED RESULT	User will be registered for Bartr and will be directed to home page/main menu

Post Management

USE CASE	Post Management
DESCRIPTION	When logged in to Bartr, users will have the ability to add new posts onto their profile, make posts only visible to them, and delete posts from their profile.
PATH	<ol style="list-style-type: none">1. Bartr will show the home page.2. There will be an icon to show the user profile.3. The user can add or delete posts on their profile.4. Users can then add their description of their goods or service and their willing trades
EXPECTED RESULT	Users will be able to add posts for trades, and may delete their posts as well.



TEST CASES CONT.

Chatting

USE CASE	Chatting
DESCRIPTION	A chat feature will be included for the users benefit. Users may chat with other users and negotiate trades for specific goods or services. While real-time chatting may not be included, chatting features will still allow for the communication between users.
PATH	<ol style="list-style-type: none">1. On the main menu, a separate tab will be dedicated to the chatting feature2. When users click on the tab, they will be navigated to the chat page3. They can see users/profiles they have chatted with and click on their chosen user
EXPECTED RESULT	Users can direct to and see chats made between other users and can find users to chat and negotiate with.

Browsing

USE CASE	Browsing
DESCRIPTION	Browsing will allow the users to search for desired trades. It will also allow the users to search for specific keywords.
PATH	<ol style="list-style-type: none">1. Main menu will include browsing of listings from other users.2. A search bar will be included at the top of the page to search for keywords.3. Page will present any and all listings with the keywords provided.4. If no keywords were found, there will be a message, "No results".
EXPECTED RESULT	Users will be able to browse and scroll through listings. Users will also see and can search for keywords.