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POCKET BAR: CREATE AND DRINK

Home project in subject Building Distributed Systems

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Tallinn 2022

Author's declaration of originality

I hereby certify that I am the sole author of this thesis and this thesis has not been presented for examination or submitted for defense anywhere else. All used materials, references to the literature and work of others have been cited.

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12.05.2022

Abstract

History shows that alcohol is inalienable part of our lives, so all that is connected with alcohol is of current interest. Nowadays it isn't only popular to drink alcohol but also to mix different drinks and other ingredients. Such mixtures are called cocktails.

Most commonly people can taste cocktails in the bars or restaurants and often it is quite expensive pleasure. To save their money people quite often try to do cocktails by themselves, but sometimes they can get into troubles, because they use wrong dosage, incompatible ingredients, inferior drinks and do other mistakes. Trial and error way is not so attractive, especially when it comes to your health, surfing the web in search of suitable recipes and spending time to compare them can become quite boring too.

A solution for this will be an app with cocktail recipes and instructions how to prepare them.

This thesis is written in English and is [] pages long, including [] chapters, [] figures and [] tables.

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1. Disclaimer

Even though alcohol has negative aspects, author strongly believes that smart consuming of alcohol can be beneficial. It may help to keep a healthy heart as well as help people to feel more confident and relaxed and because of it make life more memorable and fun. Which influence alcohol will take on a person depends on the person himself, so everyone should be careful and know when to stop.

2. Introduction

There are so many cocktails that have been created throughout the existence of the world, that is simply impossible to keep track of every one of them. People create a thousand cocktails every day at the same time, and nobody will ever know about the perfect recipe that was created. Consequently, people miss many flavors and a lot of emotions only because of it. Where to look for information or where to publish your own masterpiece recipe? As the author's experience shows there is no decent and uniform application where cocktails can be stored.

The purpose of this project is to create cocktail searching and publishing application, which would solve the above-described problem. However, the author of the work will also have to solve one issue – frequency of application usage and connection with users. For this purpose registration is required to use the app. We receive the user's mail and can communicate with him, reminding about us, new cocktails and updates.

3. Database design and ERD schema

Application is intended for people who like drinks and cocktails, so basically almost for everyone - each person will drink several cocktails in their life.

The main functionality of the solution is adding and searching for cocktails. Bartenders are typically not private individuals, therefore in application should be at least 3 roles – administrator, bartenders and users. Bartenders are people, who are responsible for cocktail creation includes all ingredients, and steps. The reason for this, we don't want to people get killed by random user creating deadly cocktail, so we need approved creators.

Bartenders during process of cocktail creation can use created by admin drinks, amount units and ingredients.

Users can look through all possible cocktails and decide which one they want to create, so they should get list of ingredients and drinks they need as well as their amounts. Following simple steps of cocktail creation, they get an amazing flavor and taste. (And maybe worst) After cocktail tasting they can rate it, comment what they liked or disliked about and add it into own collection for later usage.

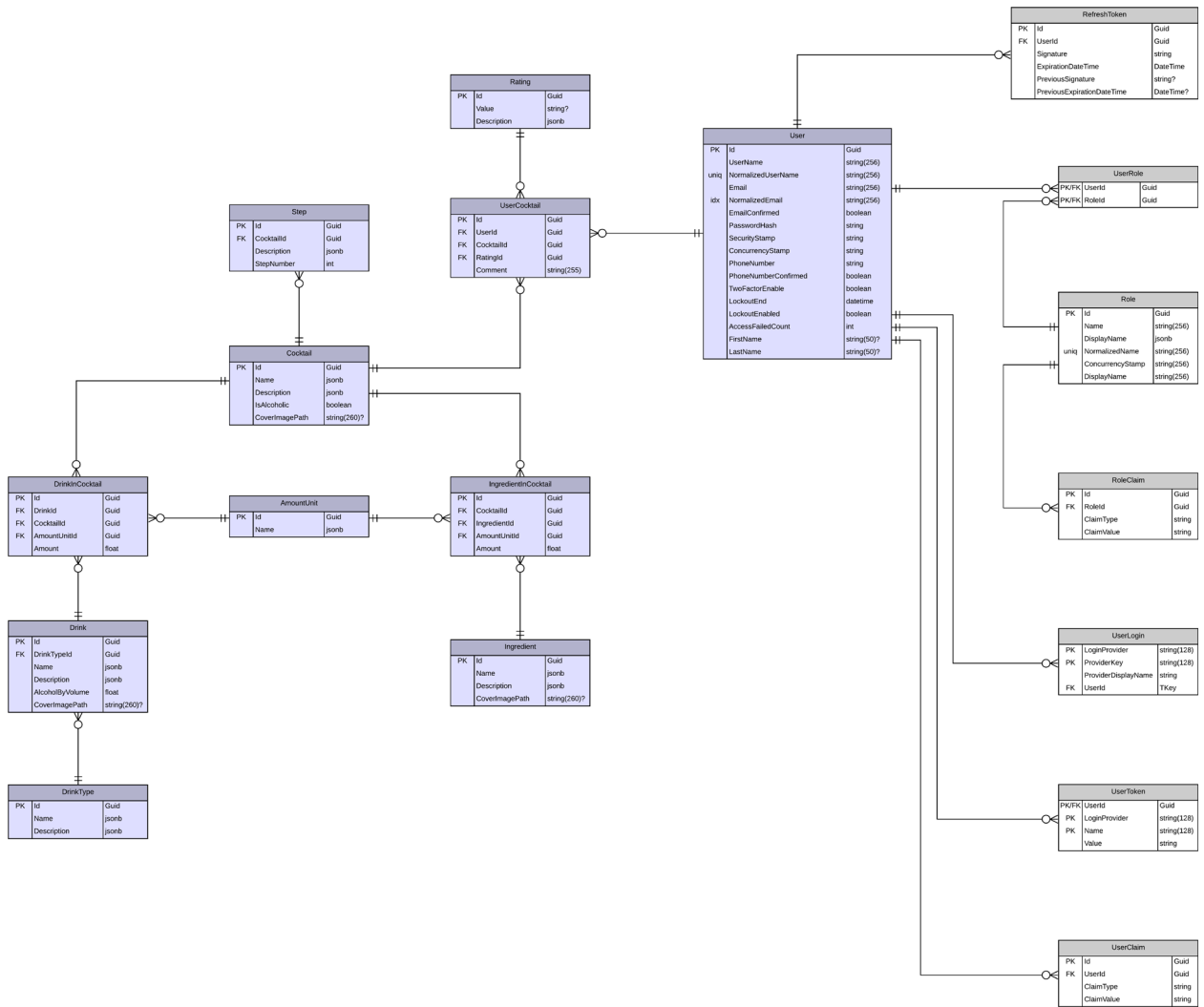


Figure 1: Pocket Bar ERD Schema Design

4. Pocket Bar Functionality UI/UX

The landing screen for unregistered user is only registration and login options, because we want to stay with our users in touch as much as possible and not interested in random users.

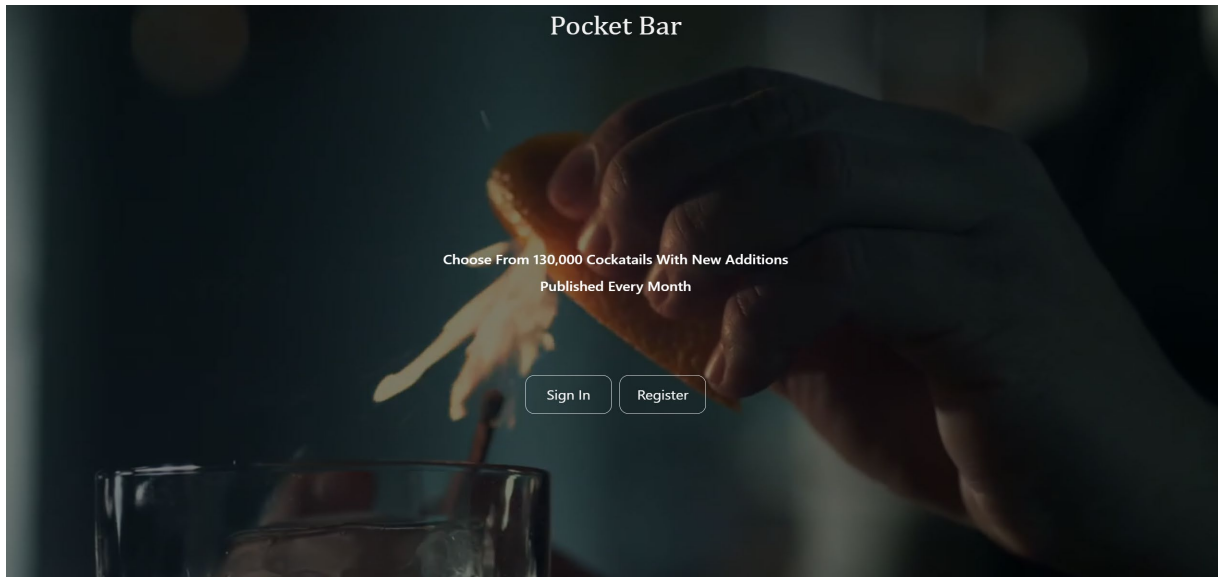


Figure 2: Pocket Bar Landing Page

The page of all cocktails is simple enumeration of it. Users and look for cocktails manually or type specific name in search box for time saving.

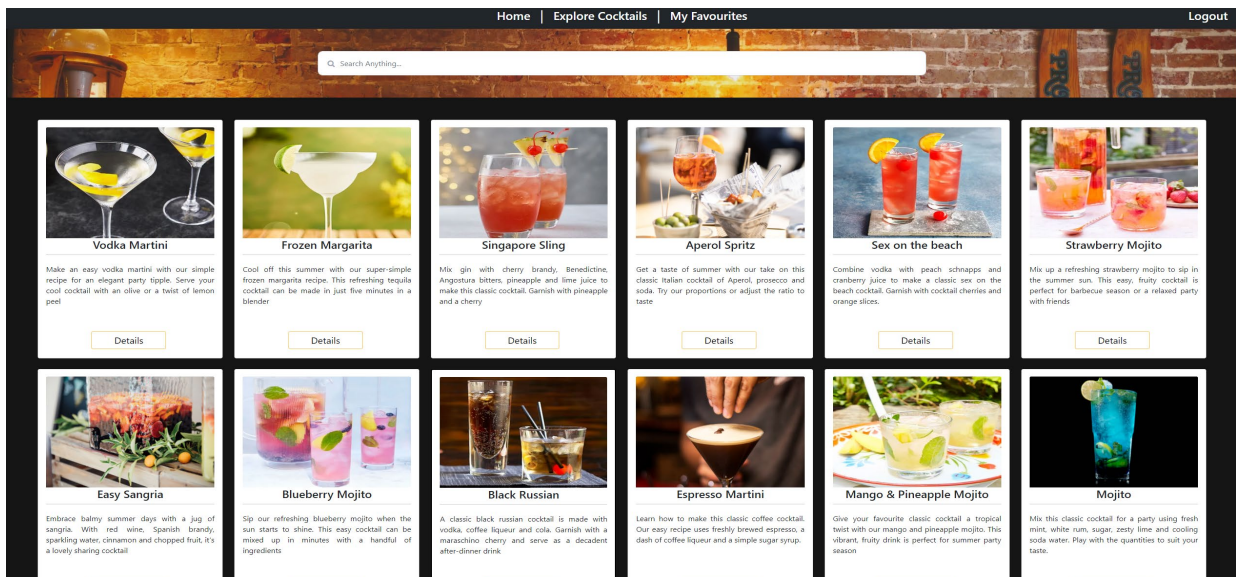


Figure 3: Page of All Cocktails

There also button “Details” to look for cocktail ingredients, drinks and recipe.

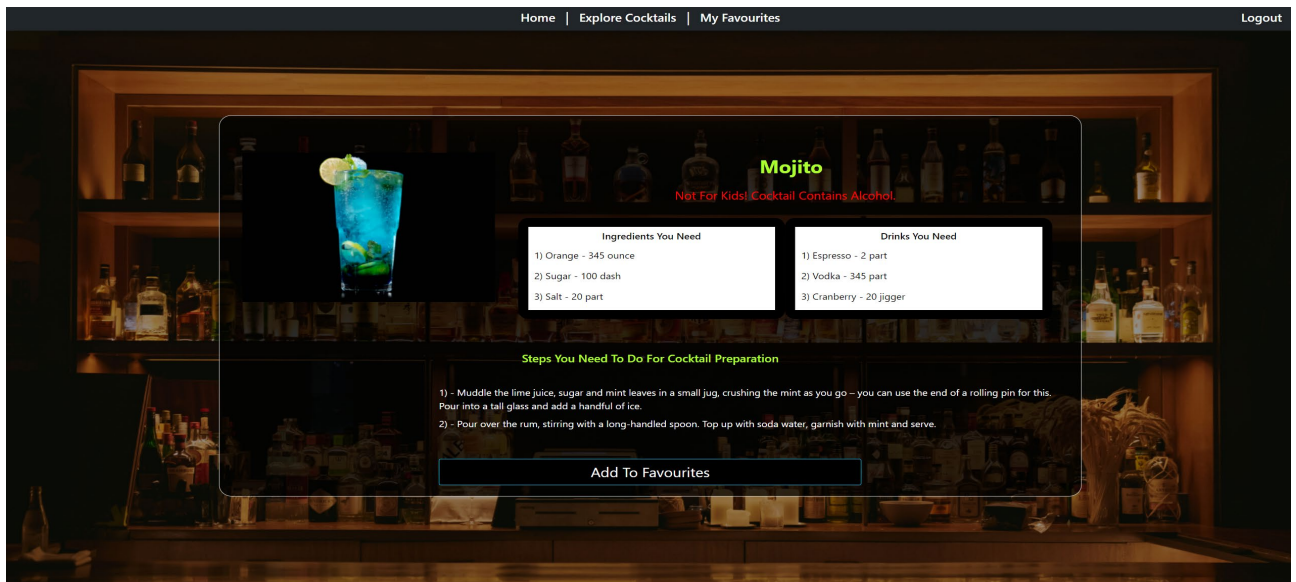


Figure 4: Cocktail Details Page

After cocktail testing, user can add it to its' own list with comment and rating value.

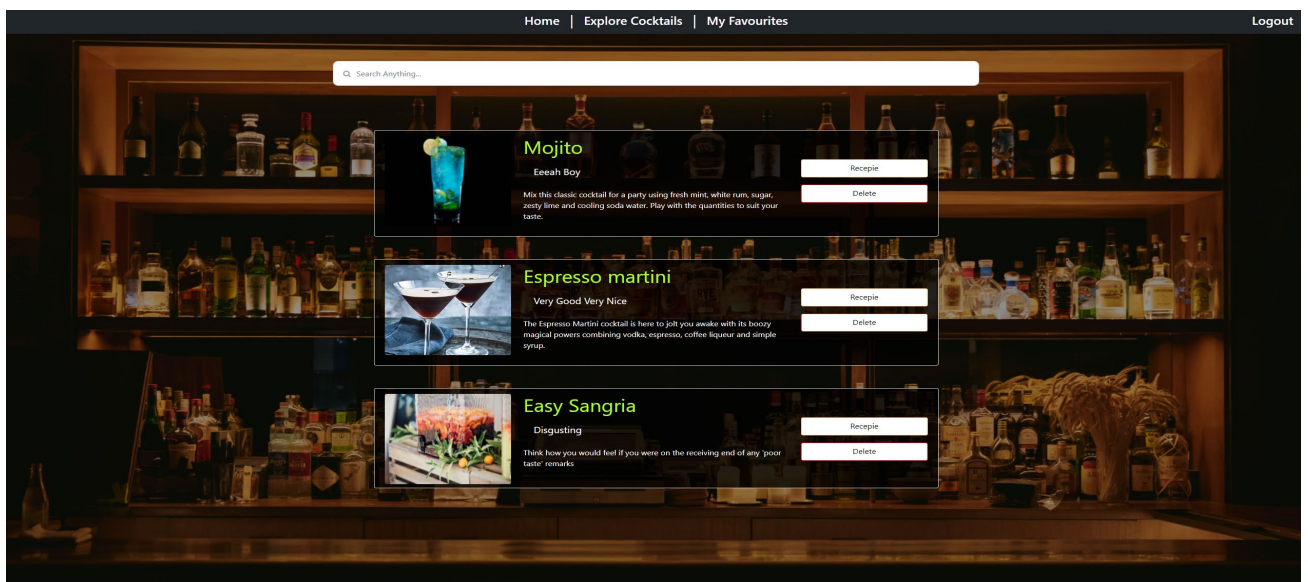


Figure 5: User Cocktails - commented and rated

Bartenders can create cocktails, typing its name, description and inserting image for representation. After managing its recipe, ingredients and drinks as well as their proportions.

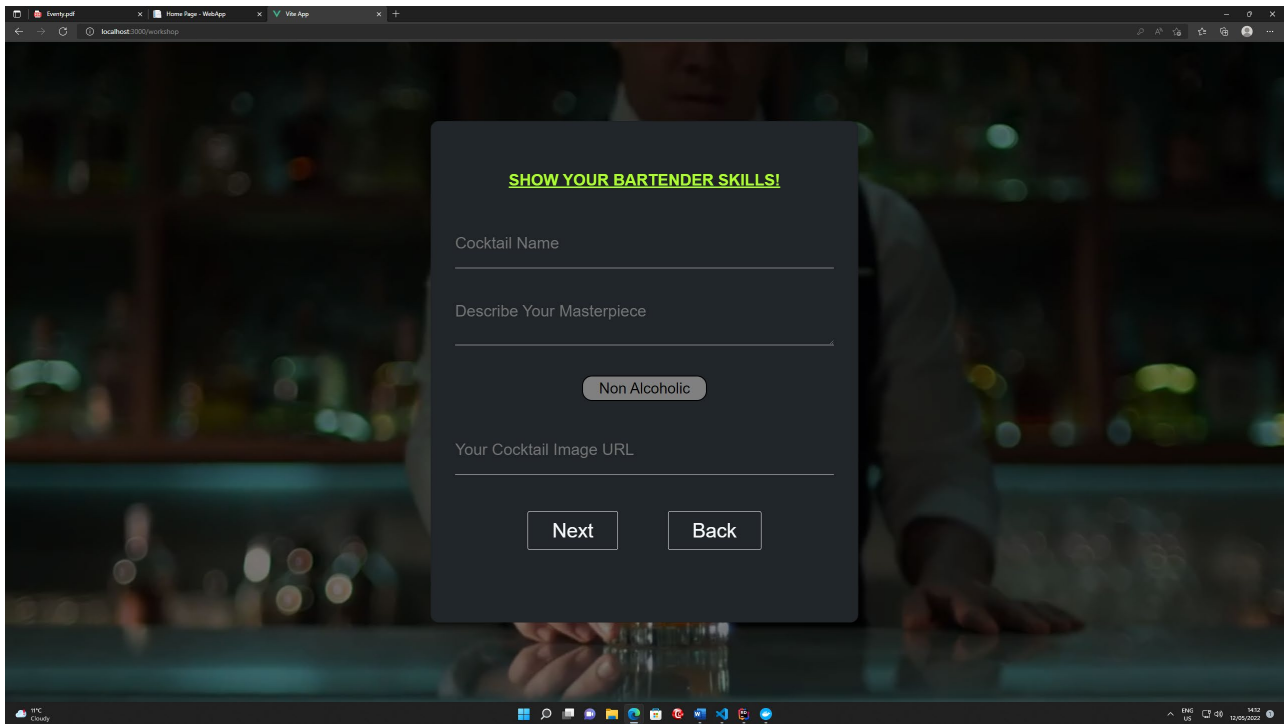


Figure 6: Cocktail Creation.

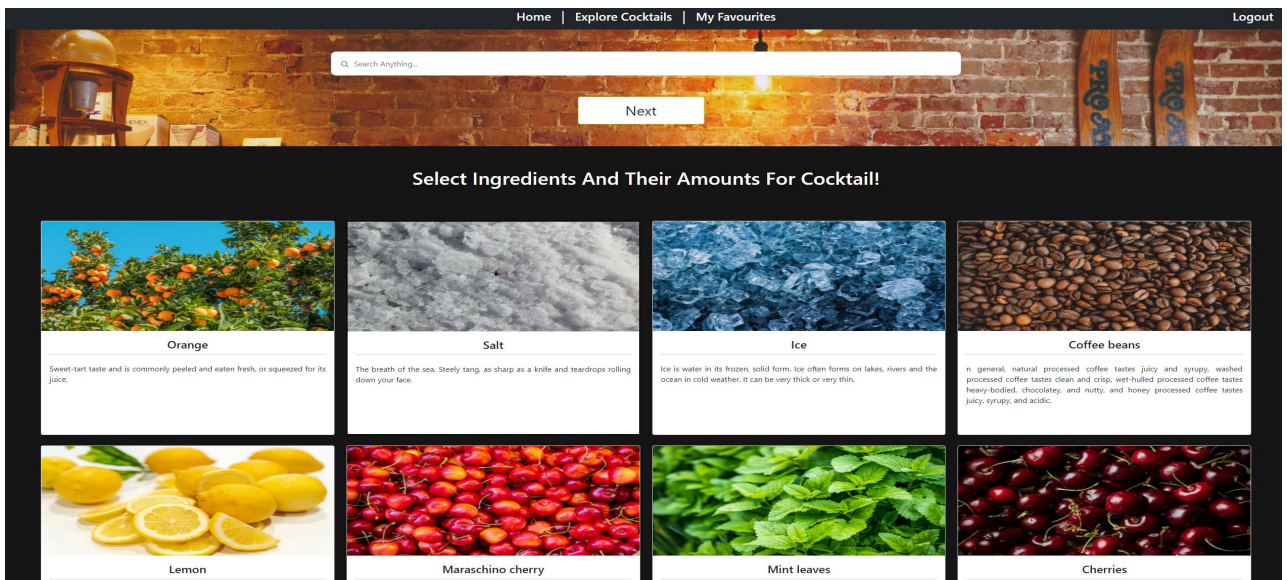


Figure 7: Ingredient Addition.

Admins should also have fancy and easy understandable panel, where they can manage their stuff. In our case it's rating, drink type, drink, ingredient and amount unit additions.

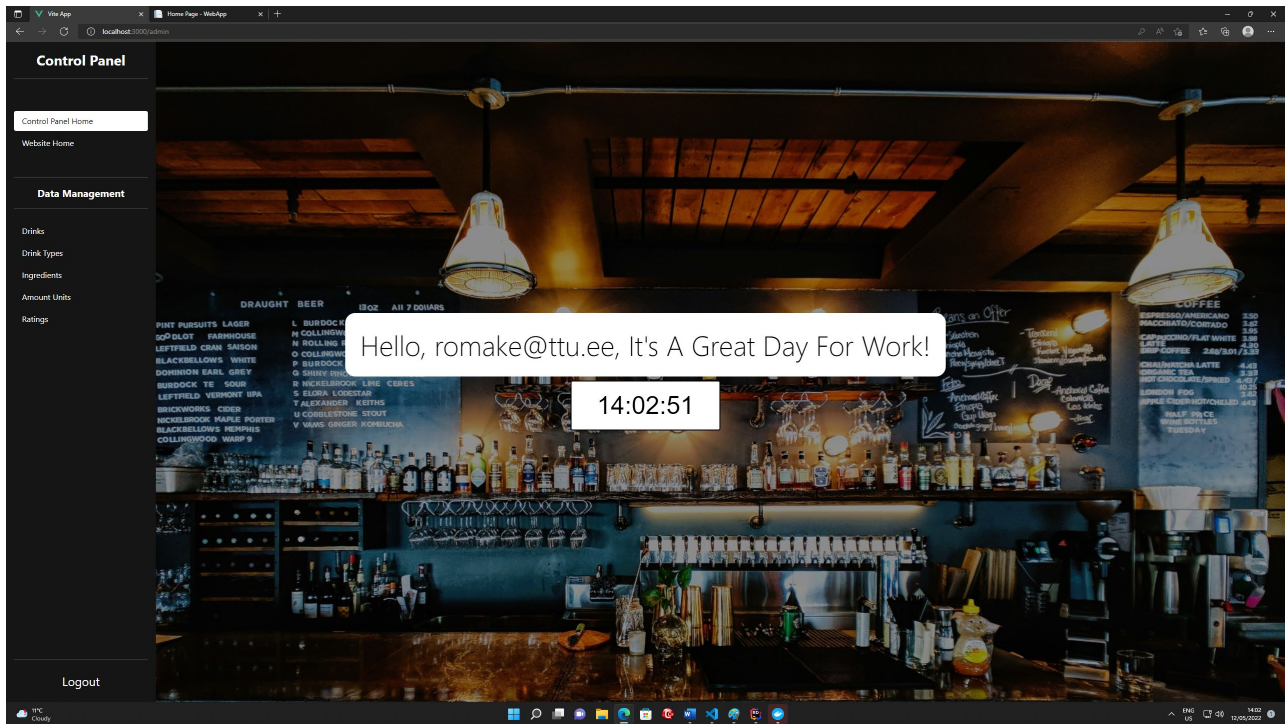


Figure 8: Admin Panel.

