

Project Ideas

Team P

T04

Portfolio: <https://github.com/sophiango-uofc/Team-P-CPSC-481/blob/stage-one/README.md>

Repository: <https://github.com/sophiango-uofc/Team-P-CPSC-481>

Texturer

What is the problem/service?

The service will provide people an opportunity to see how different decorations and textures will look in their house before committing to anything. The user will be able to look at existing furniture and preview different colours and textures. This will fix the problem of being unsure about redoing a certain piece of furniture in their house. It will also save people time, money, and effort so they can be certain about making large changes.

Why is it important?

People like to have appealing homes and may not be confident in what their potential/current house would look like. It is something that can be fixed. Changing up one's home also takes a commitment of time and effort. Things like wall paint, exterior walls, or redoing a piece of furniture are a one time application, so having something to preview it would be helpful. A person will have an idea how a particular texture/color would actually look in real life so they can avoid possible regret.

How are you going to solve it/ introduce it?

The application should be able to introduce a variety of different colors and textures so that users are able to find what they want without much hassle. The user will be able to pick one of those textures to be shown in full screen on their phone. There will also be a feature that allows new or custom textures to be implemented.

What kind of a system will it be (mobile app, website, computer software, VR application, voice commands interface, digital music instrument interface, car systemUI, etc.)?

This system will be implemented as a mobile app. It would allow the user to hold up their phone beside their wall or furniture to get a glimpse of what it might look like.

Wine Matchmaker/Winedr

What is the problem/service?

This service will provide the user with a way to discover the best wine pairings for their meal. When planning to indulge in some wine, it is important to know the best wine pairing that goes with your meal. This allows you to fully enjoy the wine you invested in with your hard earned money.

Why is it important?

Many people get bogged down about too many wines to choose from. And for others, they struggle with finding an appropriate pairing, mainly because it is a complicated process that requires knowledge that not everyone just happens to have. This app will help simplify and speed up the process of tracking down and choosing wines that match well with the meal. It will keep all information in a single, convenient place.

How are you going to solve it/ introduce it?

Our application will provide a fresh, minimalistic interface for users to easily find a wine pairing for their meal. Users simply enter details about their meal and the application does all the dirty work of finding the perfect wine pairing for them. We could also implement features for users to personalize their pairings a bit more. E.g., set a budget for their wine pairing and to say if they prefer a red or white wine.

What kind of a system will it be (mobile app, website, computer software, VR application, voice commands interface, digital music instrument interface, car systemUI, etc.)?

The application will be a mobile app so that users can quickly and conveniently make wine pairings at any time or place. There could also be a website so users are able to access the service through a web browser.

Virtual Closet

What is the problem/service?

The service will provide a virtual database for users to add clothing or accessory items in their closet. It will allow users to mix and max clothing items from their list of clothes. This gives a solution to the age old question “what should I wear today?”

Why is it important?

This service is important as it gives suggestions on what outfits the user can wear that are appropriate with the current weather. People spend too much time and energy standing in front of the closet trying to decide what to wear. It is a way to help the user decide on what outfit to wear or knowing what clothing they own is appropriate with the current weather. By giving outfit ideas, a user will be able to come up with their own outfit or just use the suggested one.

How are you going to solve it/ introduce it?

Our application will make it easy for users' to keep track of what they have in their closet! Too often, we shove things into the deep corners of our closet and simply forget about them. This application will allow those clothing articles to shine. It can sort clothing items into different categories such as colour, article of clothing, and weather. Not only that, but as users use the application more and more, the application will begin to recommend outfits to users based on their history. The application can also use location to get the weather forecast of the user's location and suggest clothing for the weather.

What kind of a system will it be (mobile app, website, computer software, VR application, voice commands interface, digital music instrument interface, car systemUI, etc.)?

It will be a mobile app so users can add different articles of clothing by going through a series of questions to categorize it. A user can also connect an account so in the case that the app is deleted, they are able to retrieve that data again. By doing this, a website can also be made so a user can access their virtual closet through their web browser.