Project 1

HUGGO BASTOS | P&P II

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About The Project

ABOUT THE PROJECT

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COOKING **APPLICATIONS**

This project is an app dissection of three different mobile applications and of a fourth designed to be more efficient than the other three. The three apps being dissected are already available apps that anyone with a smart phone has access too. Dissecting these apps will help as a developer in understanding how a mobile app is coded and where the information it pulls comes from/how it gets that information.

There are flowcharts for each of the apps and how they work along and diagrams showcasing the information that app needs to work and where it gets the information from. Each of the three applications function slightly differently and have some different functionality but are all cooking apps and were created for the same purpose, helping users find recipes that they can cook. All of the apps can be improved upon in some way, the fourth app being designed hopes to improve on the efficiency of the already existing apps and also provide a better user experience.

The three apps being dissected are

Epicurious

Allrecipes

Supercook

Disection Topic

DISECTION TOPIC

DISECTION TOPIC

THE **PURPOSE?**

The applications being dissected are all ooking applications in which their main purpose is helping users find recipes that they can make at home. These apps also all use databases and have very simple design that allows for ease of use and is easy to undferstand. Dissecting apps that are easy to understand will also help in learning as a developer with the knowledge of what makes apps effective. This will also help in teaching what can be done in the future to recreate the same easy experience for new users in an entirely different app.

The applications being dissecting are Epicurious, Allrecipes, and Supercook. They are all available for both iOS and Android and are all cooking based apps. All three of the apps serve the main purpose of helping its users find recipes they can make at home but all provide different functionality. Some of them let you search by tagging multiple ingredients while another allows you to create your own recipes and post them and doubles as a social media platform where people can share recipes and comment/leave reviews on other people's recipes.

App Disection

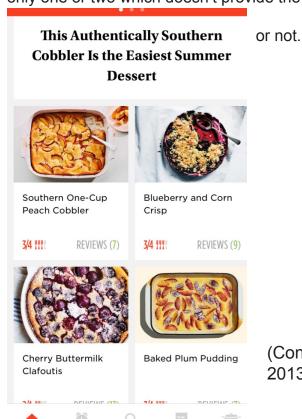
Epicurious

APP DISECTION

APP DISECTION

APP **INFORMATION**

Epicurious has the most simple design of the three apps being dissected and also looks the most aesthetically pleasing. It provided ease of use and it is easy to never be lostwhen using the app because all of the main functionality was upfront and easy to find. The app itself provided a great user experience but was however less popular than the other two apps. When searching up a recipe anywhere, most people often look at the ratings/reviews people left on that recipe. While Epicurious provided the easiest to use experience, it was not as popular as the other two apps, with some recipes on the front page of the app having even less than 10 reviews. A few recipes displayed had only one or two which doesn't provide the user with much information on if the recipe is actually good



(Conde Nast Digital, 2013)



SQL Query #1 (SearchView) **EPICURIOUS SELECT** recipes FROM available_Recipes **FLOWCHART** WHERE recipes LIKE (search) (Conde Nast Digital, -Search represents what the user is searching for in particular. 2013) HomePageView newestRecipes picnicReadyRecipes Home Page newestVideos menuBar SQL Query #2 (ShopmenuView ping List) home SQL Query #3 (Cate-Add Item = INSERTselectCategory goryView) INTO shopping_ search SELECT recipes View(ingrecdient) shoppingList FROM category_Rec--This adds ingredient to menuBar favorites ipes your list WHERE recipes LIKE (category_selected) -This is its own particular query because there are specifi recipes already installed within the app under this specific table. It **Shopping List** Favorites Select Category Search does not pull from a list of all recipes like the search feature. FavoritesView Search View ShoppingView SQL Query #4 CategoryView (HomePageView) shoppingItems favoritedRecipes steak searchBar SELECT recipes vegetables searchTags FROM all_recipes chicken & pork WHERE recipes seafood LIKE (date) eggs -The homepage shows the nestest 9:25 PM atl Sprint Wi-Fi 🗢 9:38 PM ⊕ 🗸 7% 🗀 atl Sprint Wi-Fi 🕏 recipes so we need Select Category My Shopping List o be able to have a UNPURCHASED Apple Beef Cabbage Chicken query that searches or the most recent recipes. ken & Pork Seafood BROWSE POPULAR RECIPES Eggs

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Allrecipes

APP DISECTION

APP DISECTION

APP **INFORMATION**

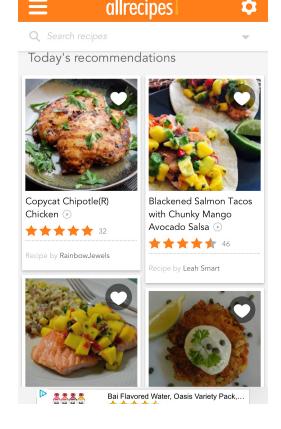
Information wise, Allrecipes was the best of the three apps being dissected. Aesthetically it was also nice and the user experience was similar to Epicurious, in ease of use, and was quick to learn. Due to this app having more users and recipes to choose from, it is much more effective at doing the same thing as Epicurious was. The app itself has not been around as long as Epicurious but already has as many users, if not more. The app itself also had a unique feature that allowed you to randomly spin and it would choose a meal for either breakfast, brunch, lunch, dinner etc. It would then spin for a main ingredient such as beef, cheese, vegetables, chicken, fish, fruit, etc. and then spin again for either a time or how the recipe is prepared such as either baked, slowcooked or

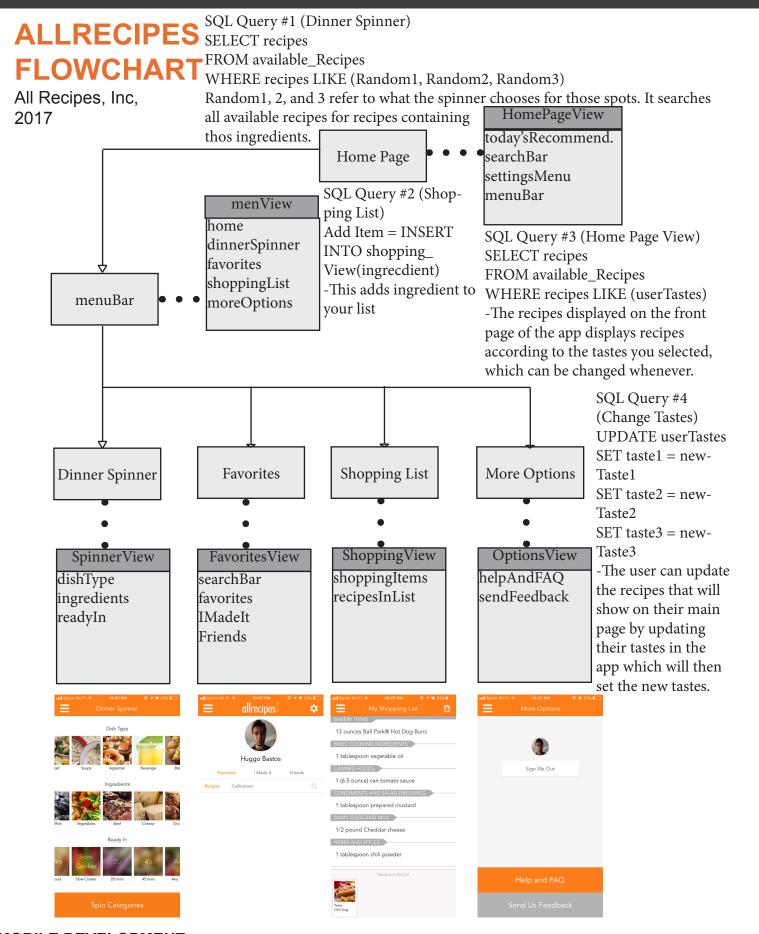
📶 Sprint Wi-Fi 🤝 9:50 PM ⊕ **1 0** 6% [20min, 30min, 1hr, etc. This My Tastes Following All Tastes Heart-Healthy **Budget Cooking**

Weight-Loss

was a pretty unique feature because you could use it to end up with something new or different you may not have thought of.

All Recipes, Inc. 2017





Supercook

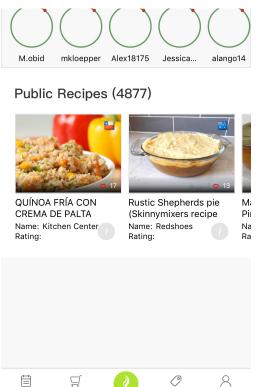
APP DISECTION

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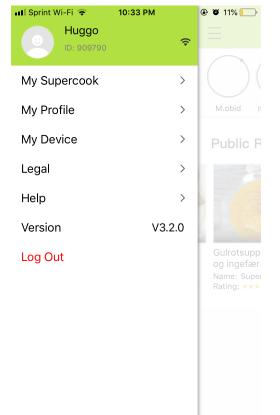
APP **INFORMATION**

Supercook as an app had two main features not provided in the other two apps that helped set it apart; a create feature and a share feature. Personally, This app's design felt as if it was not done as well as the others. The app alse feels more difficult to use compared to Epicurious and Allrecipes. This app however does have two unique features that set it apart from the others. One of the features that set this app apart, was that it allowed you to create your own recipe and share it with other people where they could comment on and give their opinions/ratings on the recipe. This cooking app also doubled as a part social media platform specifically for he recipes. This unique feature really

helped set it apart.



(Plawa Photo.Digital, 2016)



FLOWCHART

SQL Query #1 (Create)

SUPERCOOK SQL Query #1 (Create)
INSERT INTO available_Recipes(recipePic, recipeInfo, recipeIngredients, steps, additionalInfo)

VALUES (recipePic, recipeInfo, recipeIngredients, steps, additionalInfo) (Plawa Photo.Digital, This adds your createed recipe to the database of available recipes **HomePageView** 2016) users publicRecipes Home Page search menuBar menuView SQL Query #2 (Shopping List) create SQL Query #3 (ProfileInfo) shoppingList Add Item = INSERTUPDATE profileView mySite INTO shopping_ SET userName = newUserName View(ingrecdient) me SET name = newName menuBar -This adds ingredient to SET email = newEmail your list -This continues on for anything they want to change in their pro-**Shopping List** Profile Info Create My Site Me MySiteView MeView ProfileView ShoppingView CreateView publicRecipes userName shoppingItems recipePicture name myRecipes userInfo surname recipeInfo country myCreations profileInfo recipeIngredients password/confirmPassword myProfile steps birthday logOut bodyWeight additionalInfo height ogOut SHOPPING LIST CREATE RECIPES MY SITE PROFILE Calories Public Recipes Huggo + My Recipes Steps User Name Huggo Please select.. + My Creations My Supercook Huggo Bastos My Profile My Device Huggobastos94@gmail.com United States Country* Additional advice Password* V3.2.0 Version Confirm Password* Log Out Male Body Weight

Height

Custom

CUSTOM APP

APP DISECTION

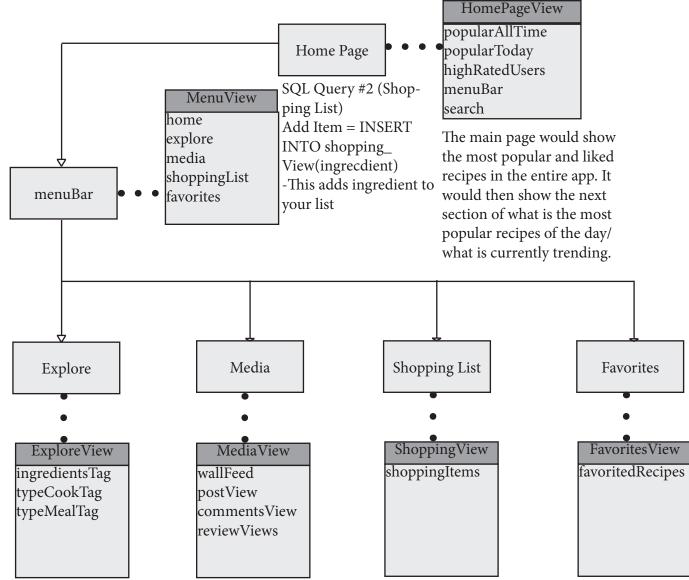
APP **INFORMATION**

One way to create a better application than the three dissected above would be to take the best features from each of these apps and put them all together. The simplistic and nice design along with the ease of use from Epicurious would be a good start. Advertising and trying to pull an audience and grab more users would be very important to keep the app successful such as Allrecipes. The social media platform type aspect that was available in Supercook would work very well in this sype of app because with users interacting with one another it will help keep the app always fresh and help keep user's online.

SQL Query #1 (Create)

CUSTOM APPINSERT INTO available_Recipes(recipePic, recipeInfo, recipeIngredients, FLOWCHART steps, additionalInfo)
VALUES (recipePic, recipeInfo, recipeIngredients, steps, additionalInfo)

This adds your createed recipe to the database of available recipes



The explore tag would function as mainly an option to search for recipes. It would provide users with the ability to click any amount of tags they would like and then it would search for every tained those tags.

The Media section would be there to bring you to the social media aspect of the app. It would be like an instagram feed or a facebook wall where it would be customized specifically to you but also recipe on the site that con- show anything you or your firends have done/liked.

The shopping list would function just like it does in would be pretty straightthe other apps and allow you to put in ingredients you would need to purchase, however adding the be able to favorite reciability in here where you can put in any ingredients you already have so you don't need to check your fridge or cupboards, etc and can just look on the app would improve it.

The favorites section forward and work just like it does on all of the other apps. You would pes and save them here for easy access but users should be given the option to make folders to help them easily categorize their favorites.

CUSTOM APP SQL QUERY (CONT.)

SQL Query #3 (ExploreView) SELECT recipes FROM available_Recipes WHERE recipes LIKE (userTastes)

WHERE recipes LIKE (search) -The recipes displayed on the mediapage of the app displays recipes according to the tastes you selected, which can be changed whenever. The search vairable would be whatever the user typed in to search for.

SQL Query #5 (HomePageView) SELECT MAX (like) recipes FROM available_Recipes -Showing the most liked recipes of all time on the main page

Most of the SQL Query's are similar for all of the apps because they all do the same thing and have the same funcitonality. There is different sequel code added on the 1 or two different functions each app has. The custom app has extra different Query's because of the different functionality it was given/ the changes made that set this app apart.

SQL Query #4 (MediaView) **SELECT** recipes FROM available_Recipes WHERE recipes LIKE (friends) -Similar to the homePageView but this is your specific feed and just shows posts from your friend (think instagram explore page vs your personal feed).

SQL Query #6 (HomePageView) SELECT MAX (like) recipes FROM available_Recipes WHERE date == today -This runs the same sql code but checks to make sure that the date of the recipe matches today's current date. This will get the most popular recipes of that day.

4 APP **DIFFERENCES**

All of these applicationes are built to accomplish the same task yet do it slightly differently. Some of the apps even have some features that set them apart from other similar apps in this category. The custom app created would be designed to keep user experience in mind and mantain many of the details that make these other apps great. The aspects from each app kept would be; the social media like aspect provided from Supercook and the accessability of Epicurious, while trying to maintain the userbase of Allrecipes.

This app's front page would show the most shared or most liked recipe of that day on the main page. This would help maintain and promote the social media aspect of the app. it would also allow you to add users if you liked a recipe they created so whenever they posted a new recipe you would be notified. Whenever you created a recipe you would be able to share it on the main page but it would also notify any friends of yours in the app that you released a recipe. Another feature added would be the ability to take a video and show the process of creating the dish instead of just following instructions. This would make it much easier to follow along and help out users who are either new to cooking or just aren't familiar with any particular techniques needed for that dish.

HOW CUSTOM APP IS BETTER

The custom app created would be better because of the same reasons listed above. The best parts of each app that makes them so great would be taken and incorporating them all into one app along with improving any features that could be improved would make this app better.. With the custom app doubling partly as a social media platform for cooking it would be made with ease of use in mind as it's main priority because, especially with an older generation, it can be very difficult for new users to become familiarized with a social media site which can in turn cause people to guit it.

What I Learned

WHAT I LEARNED

WHAT I LEARNED

I learned many things from doing this project. While the paps were dissected in a particular way, that does not mean that it was also the only way that it could have been done or coded. While at first it may seem like all of the apps would be similar, because they are all simple cooking apps, I realised there are many different ways to accomplish the same task and there is also always something that can be improved upon. Being able to realise what an app does right can help in the development of a future app if you follow the same guidelines or principles they used. On the same note being able to realise why something doesn't work and what an app does wrong can help you improve your own app by making sure you don't make the same mistakes.

Disecting these apps really helped give an understanding as a developer what can be done in the future to make sure any apps created is more successful and provides a better experience for the user.

REFERENCES

REFERENCES

All Recipes, Inc.. (2017, January 23). Allrecipes Dinner Spinner. App Store. https://www. allrecipes.com/

Conde Nast Digital. (2013, October 20). Epicurious. App Store. https://www.epicurious.com/

Plawa Photo.Digital. (2016, August 25). Supercook. App Store. http://www.supercook.me/en/ supercookstart/

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