

Home Brew

Group 4 - 3CSB: Bonsol, Bravo, Florentino, Gener, Kong



Coffee? Tea? Juice? We have the Recipe for you

Problem Statement

- People are getting tired of the usual drinks like coke, instant coffee, powdered juice but they don't have the time, money or necessary ingredients to be able to make a good drink for themselves.
- Some people may feel like they lack a repertoire of beverages in their lifestyle, or perhaps make new beverages on a whim or as a hobby.
- There is limited access to freshly prepared flavored drinks as visiting restaurants and cafes may be time-consuming and unsafe especially during a pandemic

Objectives

— — —

- To provide the users recipes for drinks that only uses ingredients usually found in homes
- To provide users recipes that calls for ingredients at an affordable price and searches less expensive alternatives for different ingredients
- To make an application usable by a wide range of people ranging from children to the elderly that finds recipes for great drinks

Target Users

— — —

- Students, work-from-home employees, or household workers.
- For people who want to treat themselves but lack the money.
- For people who like cooking / making a good drink.

User Review # 1

- Search filters seemed too complicated so she requested to revise it and make it simpler
- Colors are too dark for the search page, lighter colors might be better

October 30, 2020

Davigael Teng
Student
San Nicolas 3, Molino 2, Bacoor City, Cavite

Dear Ms. Teng,

Good day!

We are BS Computer Science students from the Institute of Information and Computing Sciences of the University of Santo Tomas. As part of our final requirements for the course Mobile Programming, we are tasked to develop a mobile Android application that would address a problem statement based on observed gaps. Our proposed application, **Home Brew**, is a collection of beverage recipes which aims to provide recipes with ingredients commonly used within households.

As part of the target users for our application, may we ask for your evaluation in a mock-up prototype of our proposed application. Let us know your input by reaching me through my email address, louisezienne.bonsol.iics@ust.edu.ph. Should there be no revisions needed for the design, may we request for your affixed signature in this letter to signify your approval of the design.

Please find attached to this letter a copy of our mock-up prototype.

Thank you and hoping your consideration.

Sincerely yours,



Louise Zienne A. Bonsol
Project Manager, ICS26011-3CSB

Approved by:



Davigael Teng
Student

User Review # 2

— — —

- The app itself is fine and timely due to Covid forcing people to cook at home
- Wanted to see a more coffee-like color scheme or tea-like color scheme.

October 30, 2020

Patricio, Ace! Mackenzie
Student
Pinagsama, Taguig

Dear Ace!,

Good day!

We are BS Computer Science students from the Institute of Information and Computing Sciences of the University of Santo Tomas. As part of our final requirements for the course Mobile Programming, we are tasked to develop a mobile Android application that would address a problem statement based on observed gaps. Our proposed application, **Home Brew**, is a collection of beverage recipes which aims to provide recipes with ingredients commonly used within households.

As part of the target users for our application, may we ask for your evaluation in a mock-up prototype of our proposed application. Let us know your input by reaching me through my email address, louise@lennie.bonsol@ust.edu.ph. Should there be no revisions needed for the design, may we request for your affixed signature in this letter to signify your approval of the design.

Please find attached to this letter a copy of our mock-up prototype.

Thank you and hoping your consideration.

Sincerely yours,



Louise Zienne A. Bonsol
Project Manager, ICS26011-3CS8

Approved by:



Patricio, Ace! Mackenzie
Student

Admin Review

— — —

- Likes the color choice for the application since it is not straining to look at.
- As he is a barista, he agreed to be an admin of our application to supervise the recipes to be used in the application.

October 30, 2020

Mark Lester Darlucio
Barista
Starbucks Coffee, Fastbytes - Northgate Cyberzone,
Northgate Ave, Alabang, Muntinlupa, 1781 Metro Manila

Dear Mr. Darlucio,

Good day!

We are BS Computer Science students from the Institute of Information and Computing Sciences of the University of Santo Tomas. As part of our final requirements for the course Mobile Programming, we are tasked to develop a mobile Android application that would address a problem statement based on observed gaps. Our proposed application, **Home Brew**, is a collection of beverage recipes which aims to provide recipes with ingredients commonly used within households.

As part of the potential admins for our application, may we ask for your availability to be an admin of the said proposal to validate the recipes that would be included in the application. In line with this, may we also request for your evaluation in a mock-up prototype of our proposed application.

Let us know your input by reaching me through my email address, louisezienne.bonsol.iics@ust.edu.ph. Should there be no revisions needed for the design, may we request for your affixed signature in this letter to signify your approval of the design.

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Sincerely yours,



Louise Zienne A. Bonsol
Project Manager, ICS26011-3CSB

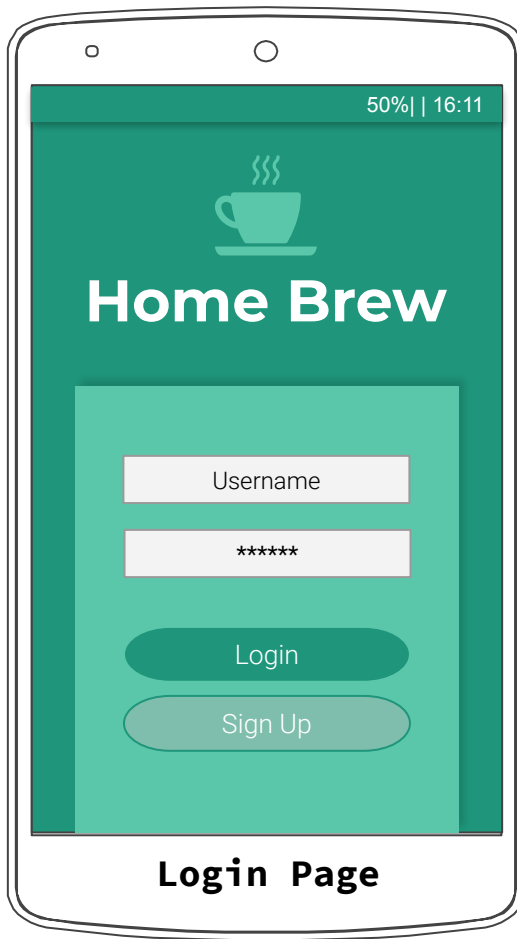
Approved by:



Mark Lester Darlucio
Barista

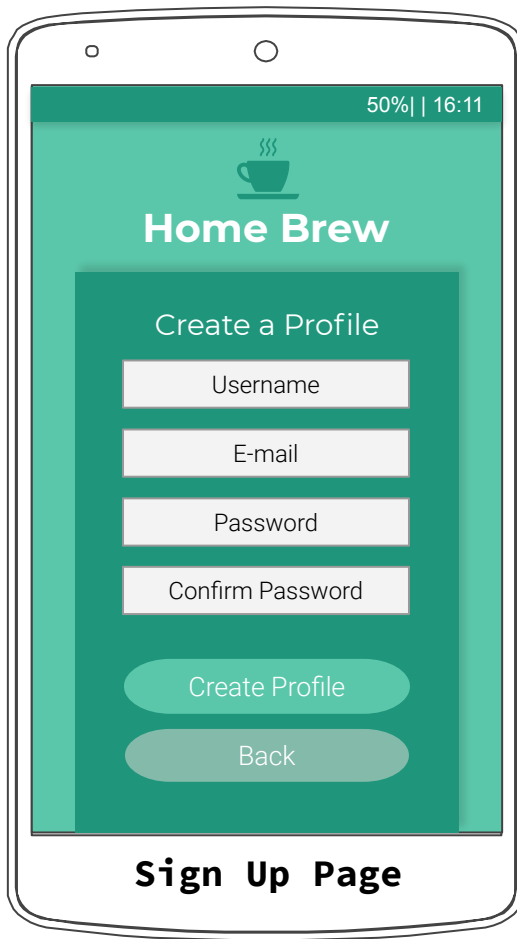
Mock-up Prototype

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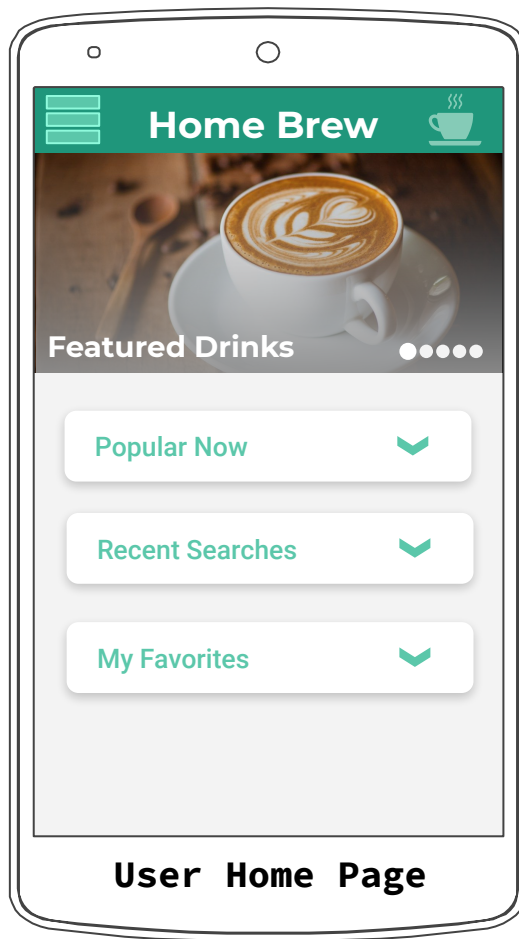
Mock-up Prototype

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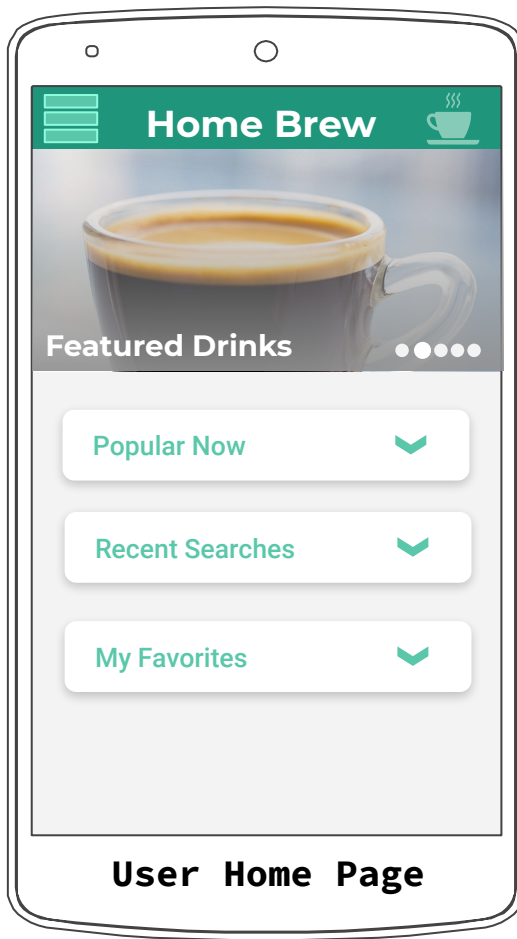
Mock-up Prototype

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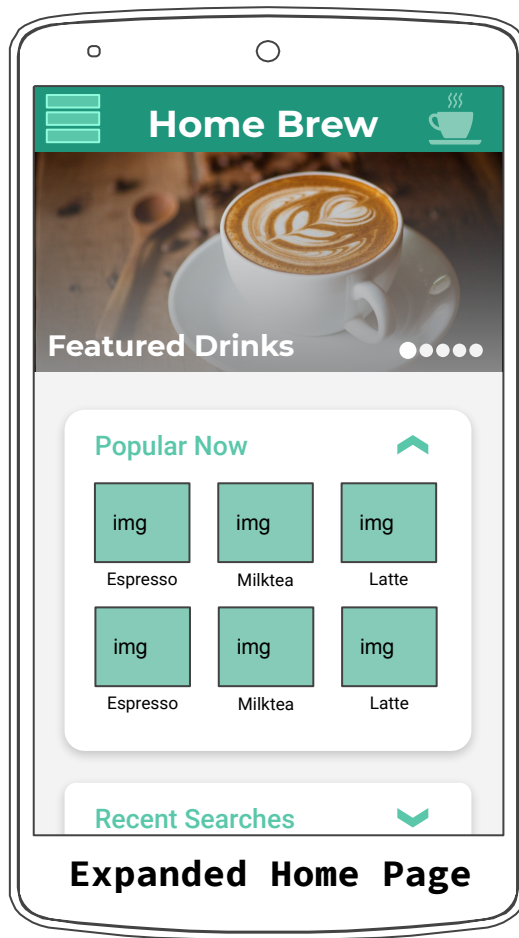
Mock-up Prototype

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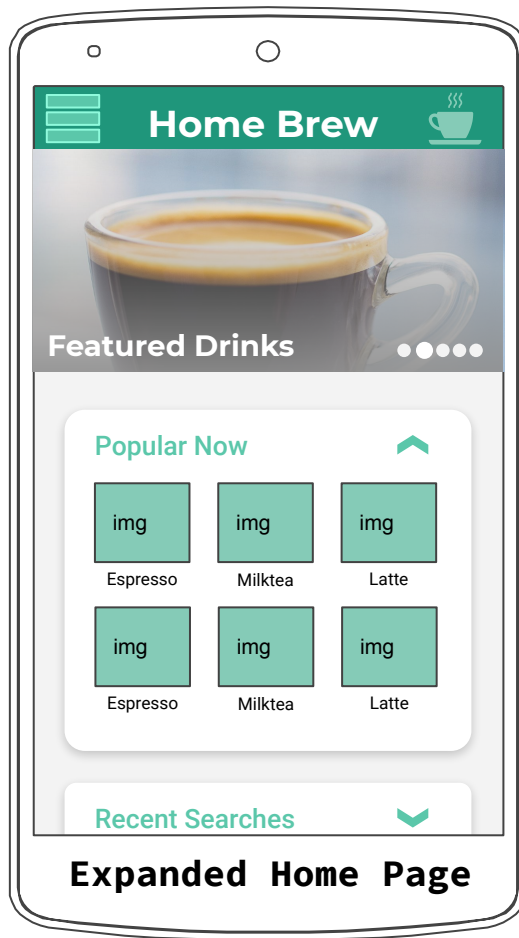
Mock-up Prototype

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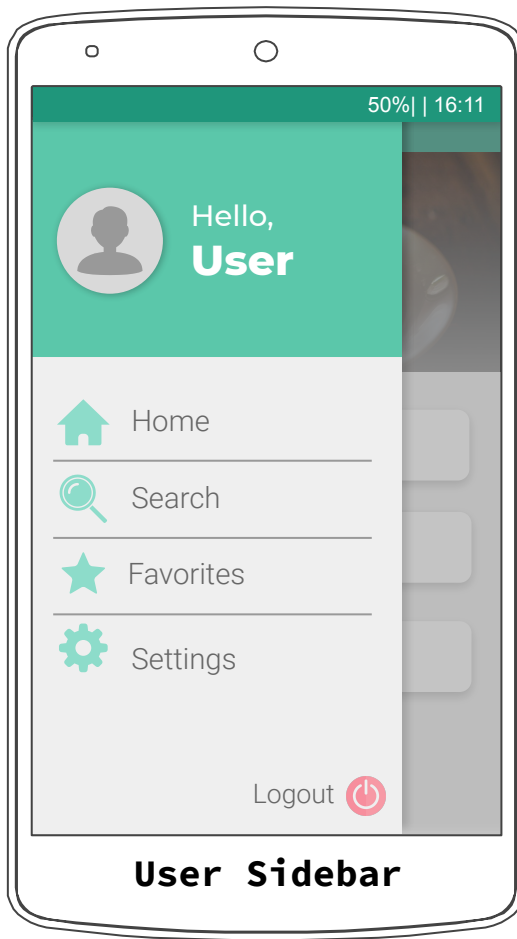
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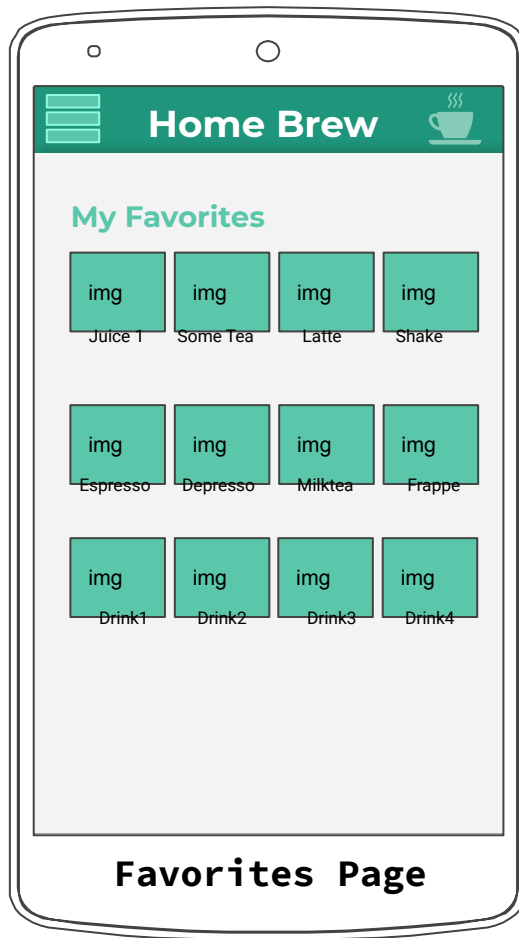
Mock-up Prototype

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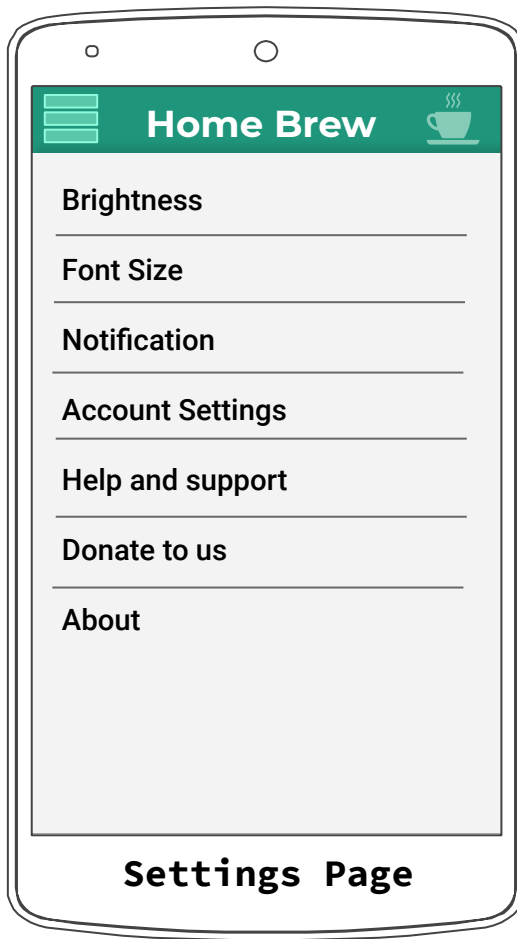
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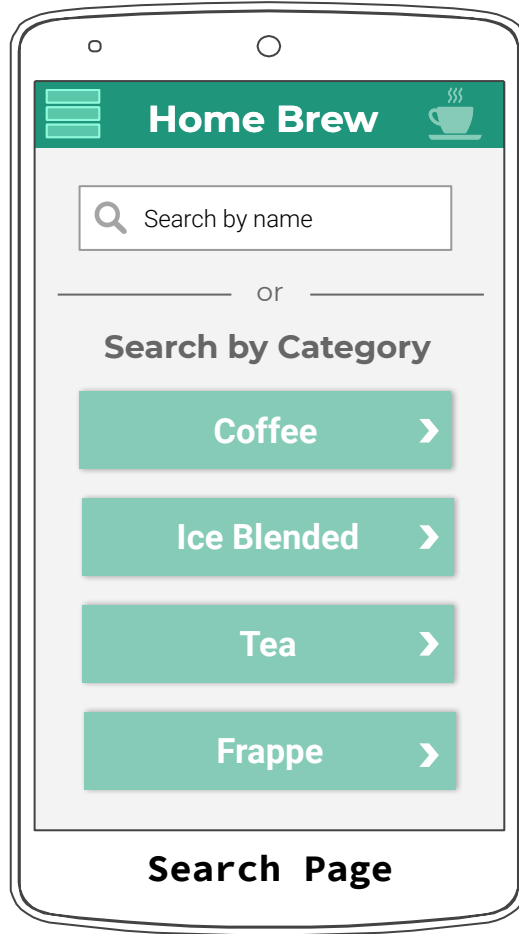
Mock-up Prototype

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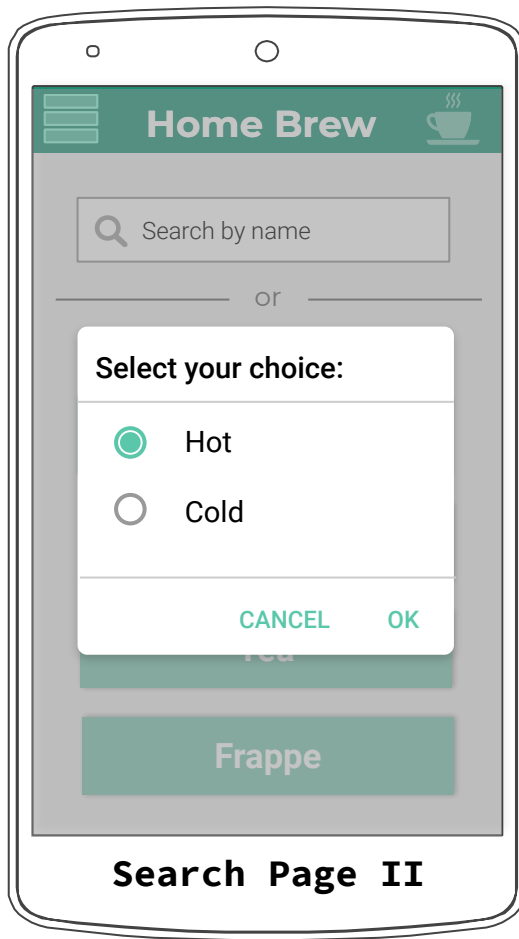
Mock-up Prototype

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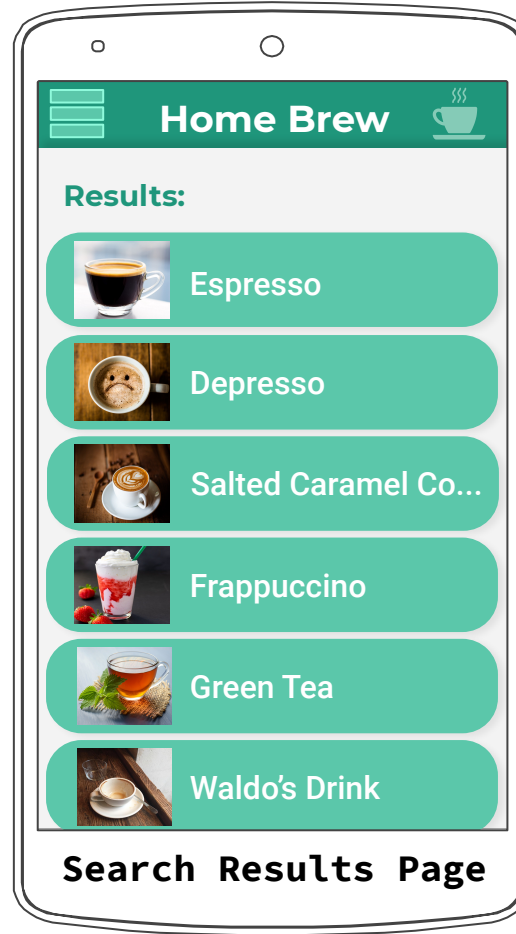
Mock-up Prototype

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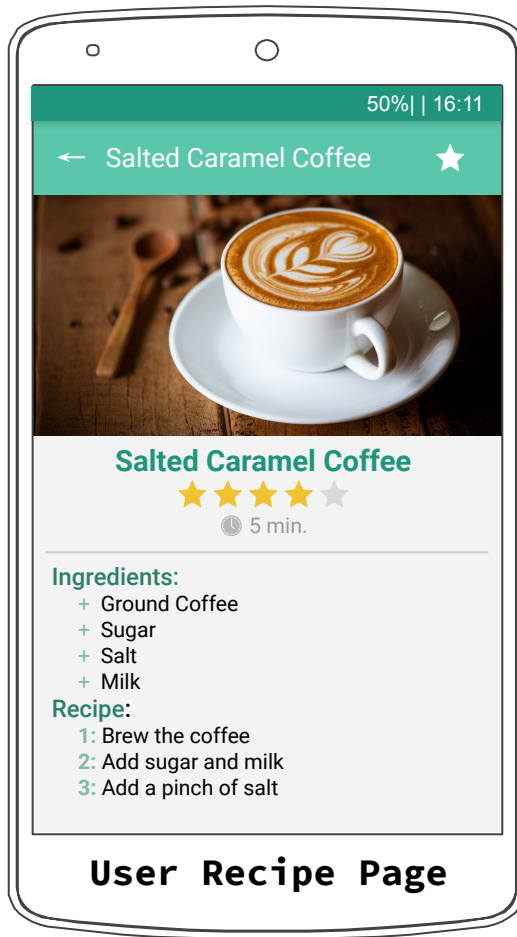
Mock-up Prototype

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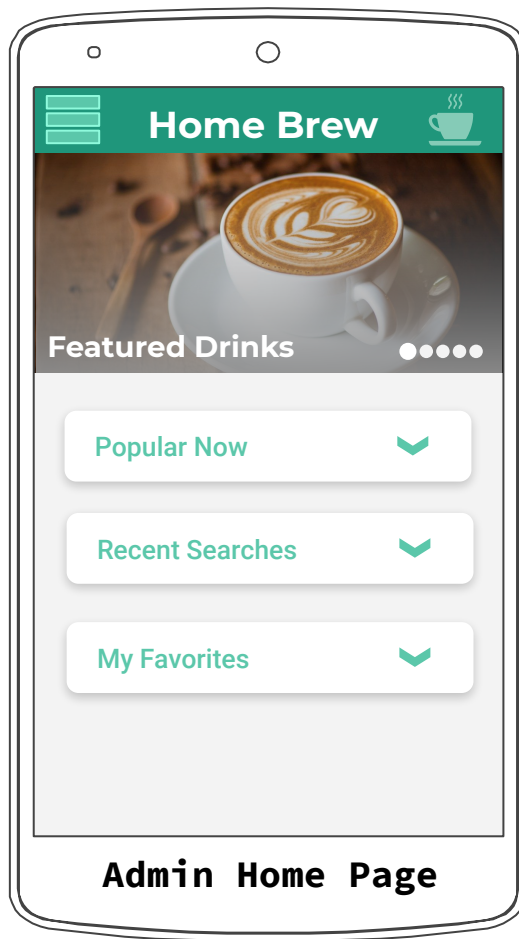
Mock-up Prototype

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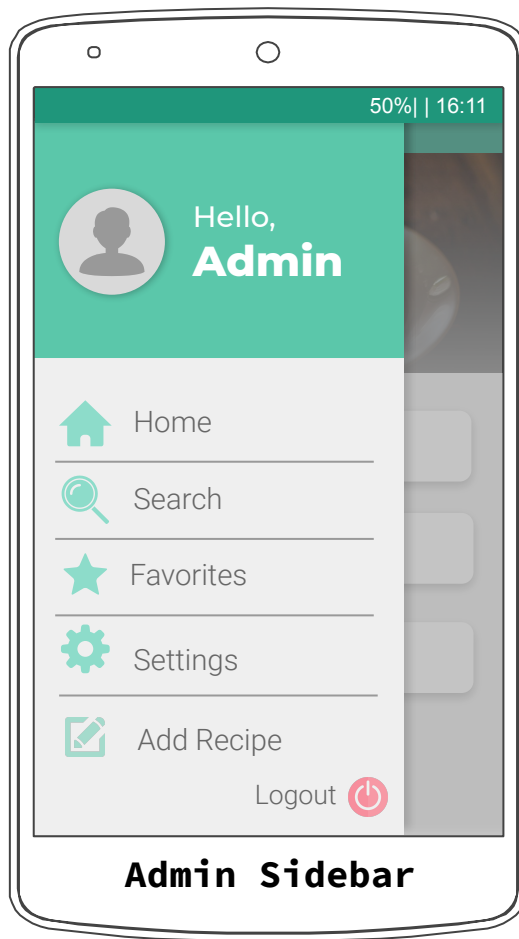
Mock-up Prototype

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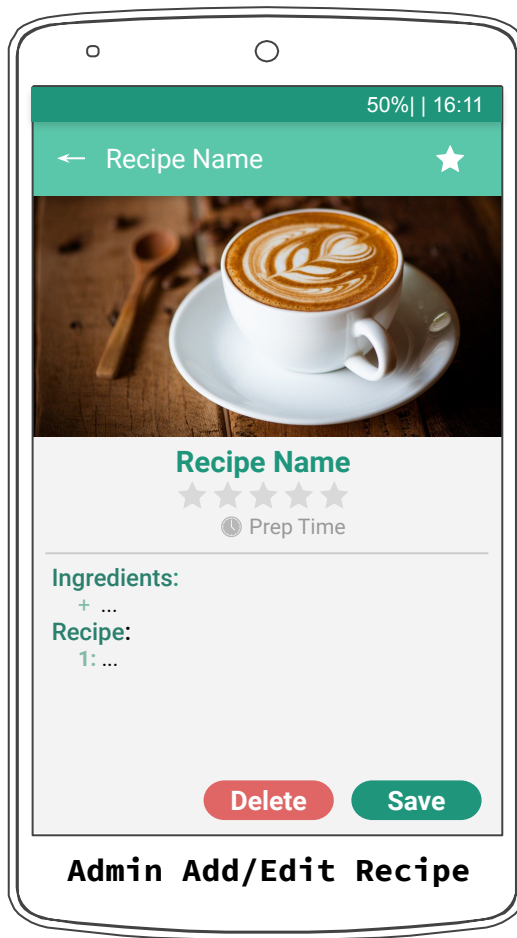
Mock-up Prototype

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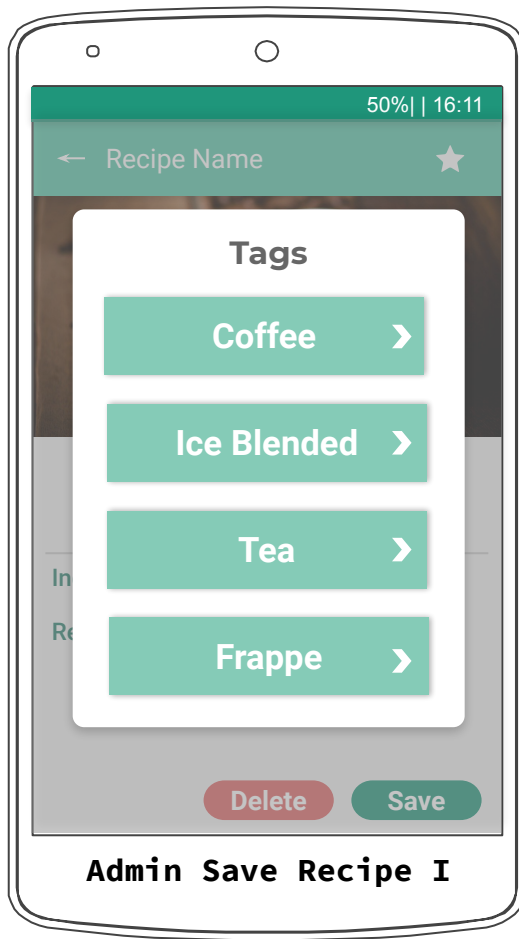
Mock-up Prototype

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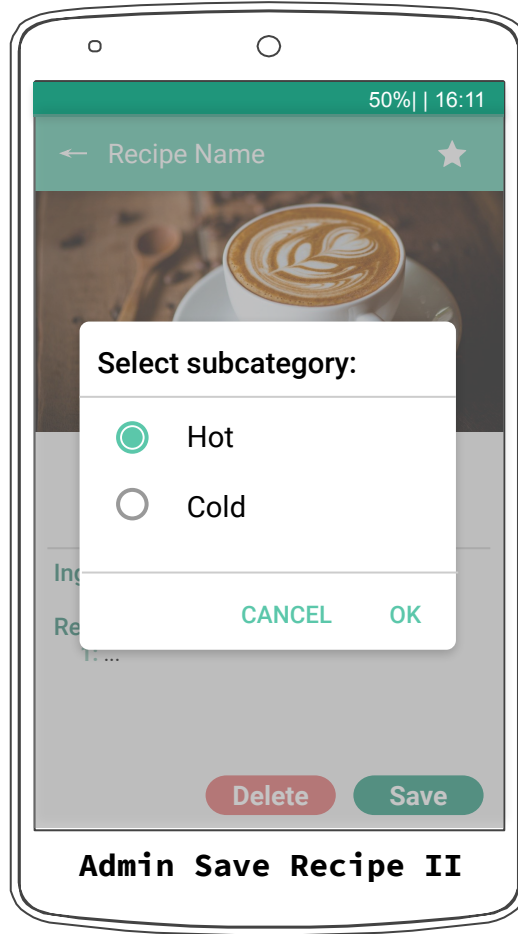
Mock-up Prototype

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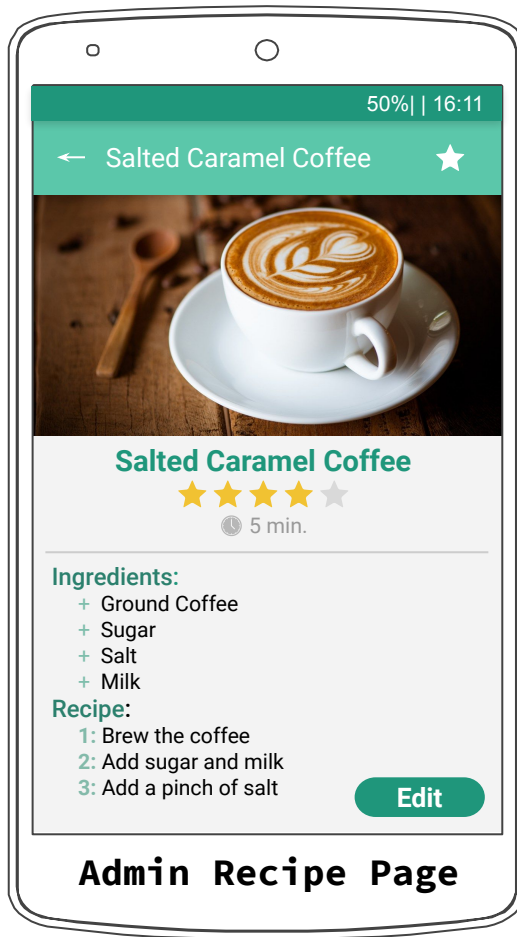
Mock-up Prototype

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Mock-up Prototype

— — —



UI & Logic

— — —

- ColorPrimary —

#5bc7aa

- PrimaryLight —

#8ffadc

- PrimaryDark —

#1f967b

UI & Logic

— — —

- Login
 - Enters the application
- Create Profile
 - Creates a personalized record of the user
- Hot and Cold Radio Button
 - Is the optimal / preferred temperature of the drink.
- Sweetness Dropdown List and Button
 - Used to specify how the sugar content in relation with the other ingredients.
- Other Flavors Radio Button
 - Used to include exclusively an additional flavor of the recipe.
- Base Radio Button
 - Used to specify what kind of base the drink has whether it is tea leaves, coffee beans or fruit juice.
- Back Button

UI & Logic

— — —

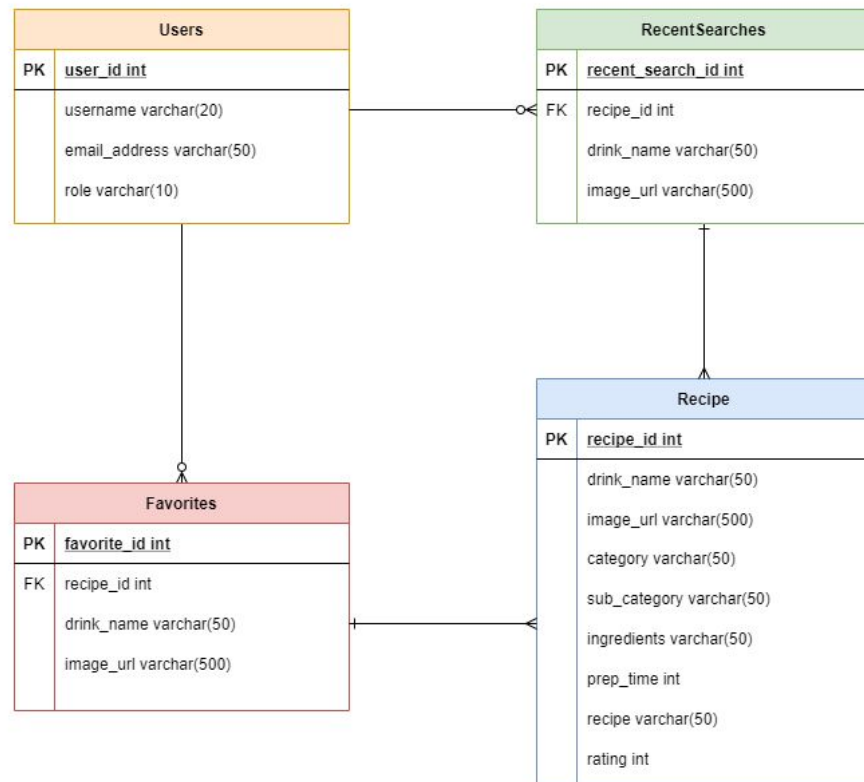
- Home
 - Takes you to the Main Page.
- Search
 - Takes you to the Search Page.
- Favourites
 - Takes you to the Favourites Page.
- Settings
 - Takes you to the Setting Page.
- Log Out
 - Logs out of your account.

UI & Logic

— — —

- Simple Recipes Website
 - <https://www.simplyrecipes.com/recipes/course/drink/>
- Youtube Channel Epicurious
 - <https://www.youtube.com/user/epicuriousdotcom/videos>
- Other sites that show recipes for beverages
 - <https://www.thespruceeats.com/best-coffee-recipes-4796504>
 - <https://www.tasteofhome.com/collection/tea-recipes-you-havent-made-yet/>
 - <https://juicerecipes.com/>
 - <https://www.bbcgoodfood.com/recipes/collection/coffee-recipes>

Database Design and Implementation



Database Design and Implementation

- Implemented using Firebase



Git Repository and App Presentation

master


22 branches

0 tags

Go to file

Add file

Code

 LouiseZienne-Bonsol-iics Merge pull request #24 from LouiseZienne-Bonsol-iics/Week... d3c92c9 6 hours ago 82 commits

.idea	Favorites fragment fully functional	6 hours ago
Project Documents	Proposal and Mock-up Prototype Document	last month
app	Favorites fragment fully functional	6 hours ago
gradle/wrapper	Initial project commit	last month
.gitignore	Initial project commit	last month
build.gradle	Added Recipes can now be uploaded in RealtimeDB (w/o subcategories y...	4 days ago
gradle.properties	Initial project commit	last month
gradlew	Initial project commit	last month
gradlew.bat	Initial project commit	last month
settings.gradle	Initial project commit	last month

Help people interested in this repository understand your project by adding a README.

Add a README

About

ICS26011 Mobile Application Project


Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

Contributors 5



Languages

Java 100.0%

Git Repository and App Presentation

The screenshot displays a list of Git commits on a dark-themed interface. Each commit entry includes a description, the author's name and profile picture, the time since the commit, a file icon, a commit hash, and a code diff icon. Some entries are marked as 'Verified' with a green badge. The commits are grouped by date, with sections for 'Commits on Dec 7, 2020' and 'Commits on Dec 6, 2020'.

- Added Results page but it has no functionality. -Done**
RicardoLuis-Bravo-lics committed 3 days ago
7c319e4
- Merge pull request #16 from LouiseZienne-Bonsol-iics/Week5-Bravo** (Verified)
LouiseZienne-Bonsol-lics committed 3 days ago
ba0f512
- Fixed Collapsible RecyclerView (merged with recent). -Done**
RicardoLuis-Bravo-lics committed 3 days ago
b1b37bb
- Merge remote-tracking branch 'origin/master' into master**
RicardoLuis-Bravo-lics committed 3 days ago
7654642
- Fixed Collapsible RecyclerView. -Done**
RicardoLuis-Bravo-lics committed 3 days ago
742c1cf
- Merge pull request #15 from LouiseZienne-Bonsol-iics/Week5-Bonsol** (Verified)
LouiseZienne-Bonsol-lics committed 3 days ago
e9d86bd
- Add Recipe fully functional (except for "Delete" button)**
LouiseZienne-Bonsol-lics committed 3 days ago
ccff079
- Added Recipes can now be uploaded in RealtimeDB (w/o subcategories yet)**
LouiseZienne-Bonsol-lics committed 4 days ago
0a557a9
















Commits on Dec 7, 2020

- "Add Recipe" from nav drawer is now exclusive to Admin**
LouiseZienne-Bonsol-lics committed 5 days ago
ef27374

Commits on Dec 6, 2020































- Merge pull request #14 from LouiseZienne-Bonsol-iics/Week4-Gener2** (Verified)
LouiseZienne-Bonsol-lics committed 6 days ago
281c943

Git Repository and App Presentation

Merge pull request #18 from LouiseZienne-Bonsol-iics/Week5-Bonsol2 ...	Verified		9760773	
 LouiseZienne-Bonsol-iics committed 2 days ago				
Viewing Recipes fully functional			3dee147	
 LouiseZienne-Bonsol-iics committed 2 days ago				
Search Fragment fully functional			d458608	
 LouiseZienne-Bonsol-iics committed 2 days ago				
Results Page synced with Realtime DB (Search not yet functional)			3f97594	
 LouiseZienne-Bonsol-iics committed 2 days ago				
Merge pull request #17 from LouiseZienne-Bonsol-iics/Week5-Bravo ...	Verified		3f9567f	
 LouiseZienne-Bonsol-iics committed 3 days ago				

Git Repository and App Presentation

— — —

Added Edit and Delete functionality. - Done  RicardoLuis-Bravo-iics committed 19 hours ago	 6647e64	
Merge pull request #21 from LouiseZienne-Bonsol-iics/Week5-Florentino2  LouiseZienne-Bonsol-iics committed 22 hours ago	Verified  c070218	
Added functional 'Delete from Favorites'  unknown committed 22 hours ago	 370ec5c	
Merge pull request #20 from LouiseZienne-Bonsol-iics/Week5-Florentino2  LouiseZienne-Bonsol-iics committed yesterday	Verified  d6f635b	
Added 'Add to Favorites' function in Recipe Pages  VicOliverFlorentino committed yesterday	 b94b797	
Merge pull request #19 from LouiseZienne-Bonsol-iics/Week5-Bonsol2  LouiseZienne-Bonsol-iics committed yesterday	Verified  af83b23	
More search result adjustment on card view format  LouiseZienne-Bonsol-iics committed yesterday	 f92a0e9	
Added Toolbar Back functionality and adjusted search result UI  LouiseZienne-Bonsol-iics committed yesterday	 8f01f29	
Fixed a bug from Search Functionality  LouiseZienne-Bonsol-iics committed yesterday	 c61da47	
UI Adjustments(Drawer Icon and Search Frag) and Logout Functionality  LouiseZienne-Bonsol-iics committed yesterday	 d98ce21	

Git Repository and App Presentation

Merge pull request #24 from LouiseZienne-Bonsol-iics/Week5-Bonsol3 LouiseZienne-Bonsol-iics committed 6 hours ago	Verified	d3c92c9	<>
Favorites fragment fully functional LouiseZienne-Bonsol-iics committed 6 hours ago		88c7031	<>
Merge pull request #23 from LouiseZienne-Bonsol-iics/Week5-Bravo3 LouiseZienne-Bonsol-iics committed 16 hours ago	Verified	d33e119	<>
Fixed a bug where Image doesn't update. - Done RicardoLuis-Bravo-iics committed 16 hours ago		7c5cd1a	<>
Recent Search Functionality LouiseZienne-Bonsol-iics committed 16 hours ago		1ebd568	<>
1 LouiseZienne-Bonsol-iics committed 16 hours ago		5c21419	<>
Merge pull request #22 from LouiseZienne-Bonsol-iics/Week5-Bravo3 LouiseZienne-Bonsol-iics committed 16 hours ago	Verified	2e53d47	<>
Added Edit and Delete functionality (Complete, Updated). - Done RicardoLuis-Bravo-iics committed 16 hours ago		e1f54a4	<>
Merge remote-tracking branch 'origin/master' into master RicardoLuis-Bravo-iics committed 18 hours ago		2d9ffb7	<>
Added Edit and Delete functionality (Complete). - Done RicardoLuis-Bravo-iics committed 18 hours ago		ad12974	<>

Members and Roles

— — —



BONSOL

Project Manager



BRAVO

Requirement Analyst



FLORENTINO

Android Developer



GENER

UI/UX Designer



KONG

Quality Assurance
Engineer

Contribution and Takeaways

— — —



BONSOL

Project Manager

- **Role Contribution:** Managed the overall flow and implementation of the program; Assisted members on their parts in the program
- **Contribution:** Firebase Connections and Results, Search, and Add Recipe Functionalities
- **Takeaways:** Always be open to gaining new knowledge and experiences as it can help enhance your skills. Just try and try until you succeed.

- **Role Contribution:** Made sure that the main functionalities and the suggested functionalities of the Users are implemented in the application.
- **Contribution:** Designed the Login Page, the Results Page and the Settings Page, Implemented some functionalities, Fixed some UI.
- **Takeaways:** Coordination and Communication are the essential attributes of a (succeeding) team.



BRAVO

Requirement Analyst

Contribution and Takeaways

— — —



FLORENTINO

Android Developer

- **Role Contribution:** Worked mainly on adding and fixing (some flaws in the) functionalities.
- **Contribution:** Coded the initial Search Page, and the Signup Page
- **Takeaways:** functionalities of an app really feels important as a developer, compared to a user who just takes it as natural and for granted.

- **Role Contribution:** Worked Together with the Project Manager to make the Prototype Design.
- **Contribution:** Coded & Designed the Search Page and Home Page
- **Takeaways:** My takeaway is that there are a lot of design ideas that look easy but is actually a lot harder or even outright impossible to implement, at least in my current skill level, and the only way to overcome those is to keep practicing.



GENER

UI/UX Designer

Contribution and Takeaways

— — —



KONG

Quality Assurance
Engineer

- **Role contribution:** Worked on checking the applications if there are bugs.Help with some UI.
- **Contribution:** Gathered recipes,Coded the toolbar and designed the Favorite Page UI
- **Takeaways:** My takeaway in this project is that being able to collaborate with others makes the tasks easier

Home Brew

Group 4 - 3CSB: Bonsol, Bravo, Florentino, Gener, Kong



Thank you!