

Agenda

1. Product Overview
2. Requirements
3. User Interface
4. Product Overview/ Implementation
5. Architecture
6. Questions

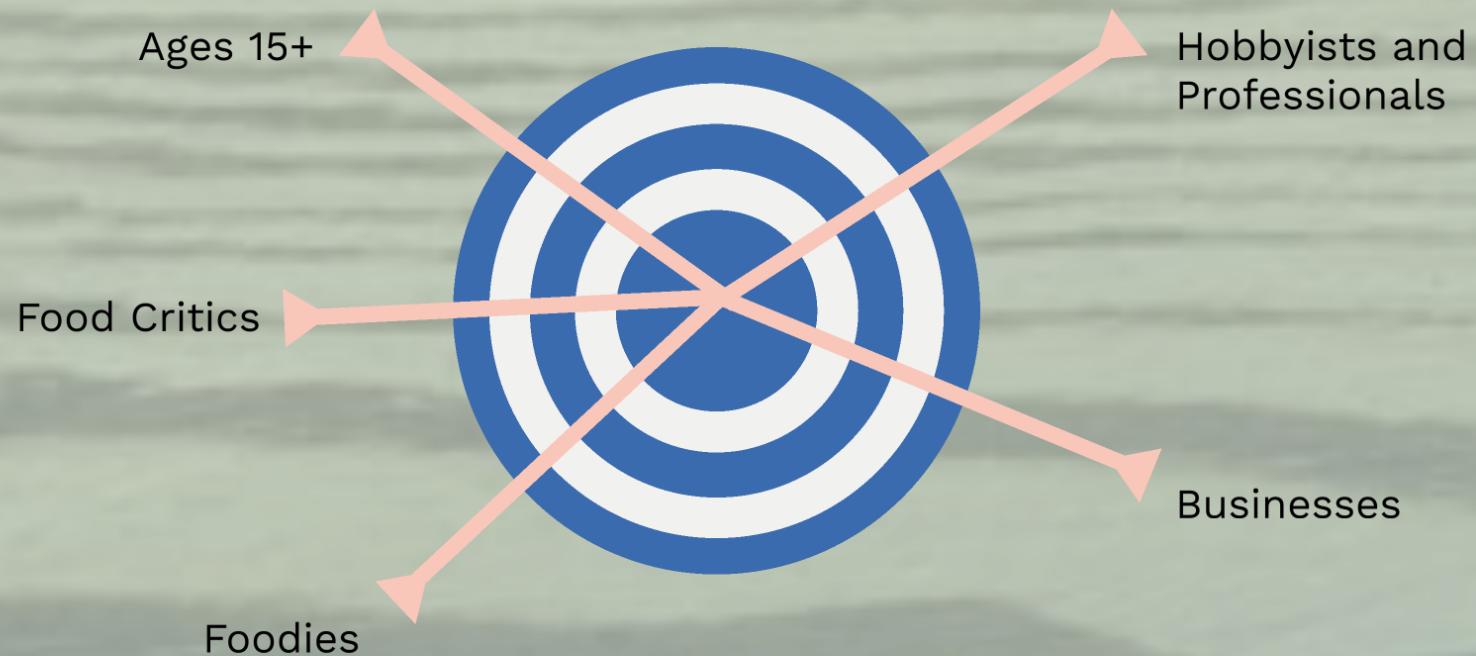
Purpose

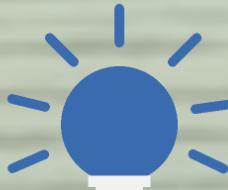
What is the intention of Reciposts?

- Allow cooking to be social and rewarding
- We want people from all walks of life to utilize this application
- Gamify and motivate contributors to return and add more content
- Allow users to discover unknown recipes and cultures
- Archive your favorite recipes for timeless and unlimited reuse

Target Audience/Stakeholders

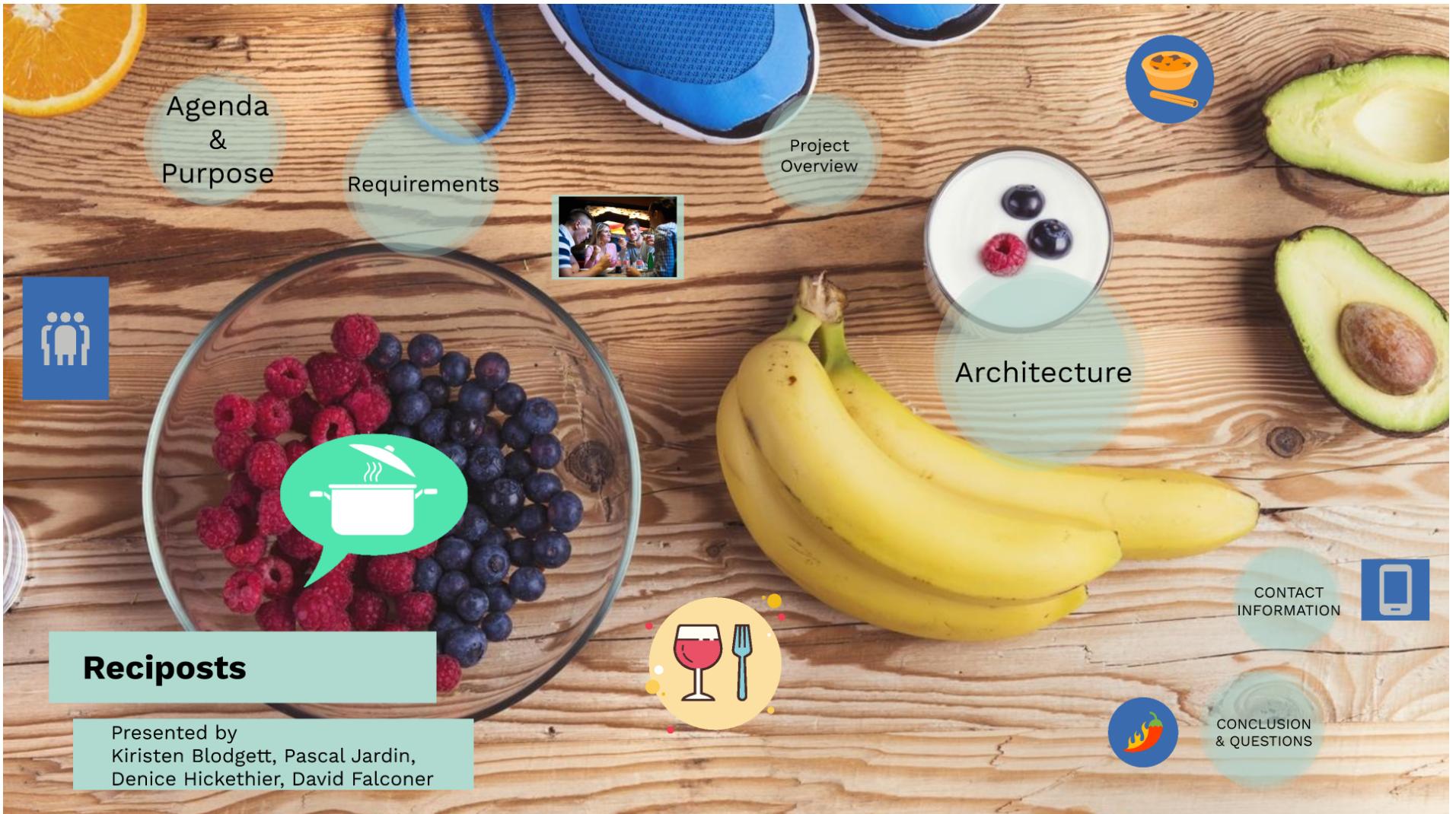
Who do we want to reach with Reciposts?





Reciposts Characteristics

- 1 Lightweight
- 2 Simplistic
- 3 Cross-Platform
- 4 Scalable
- 5 Flexible
- 6 User Friendly



Function Requirements

Login/Sign Up

Allow new users to join our community

User Profile

Edit profile information (bio, interests, experience)

Gamification

Users level up based on likes and star ratings

Rating System

Users will rate dishes using a star rating system

Search Recipes

Look up recipes posted publicly or by friends

Premium Pages

Allow all users to pay a premium to sell recipes and access to their page

Post Recipes

- Categorize dishes
- Display cook time
- List Ingredients
- Upload Picture
- Establish Difficulty
- List Ingredient Substitutes
- Instructions

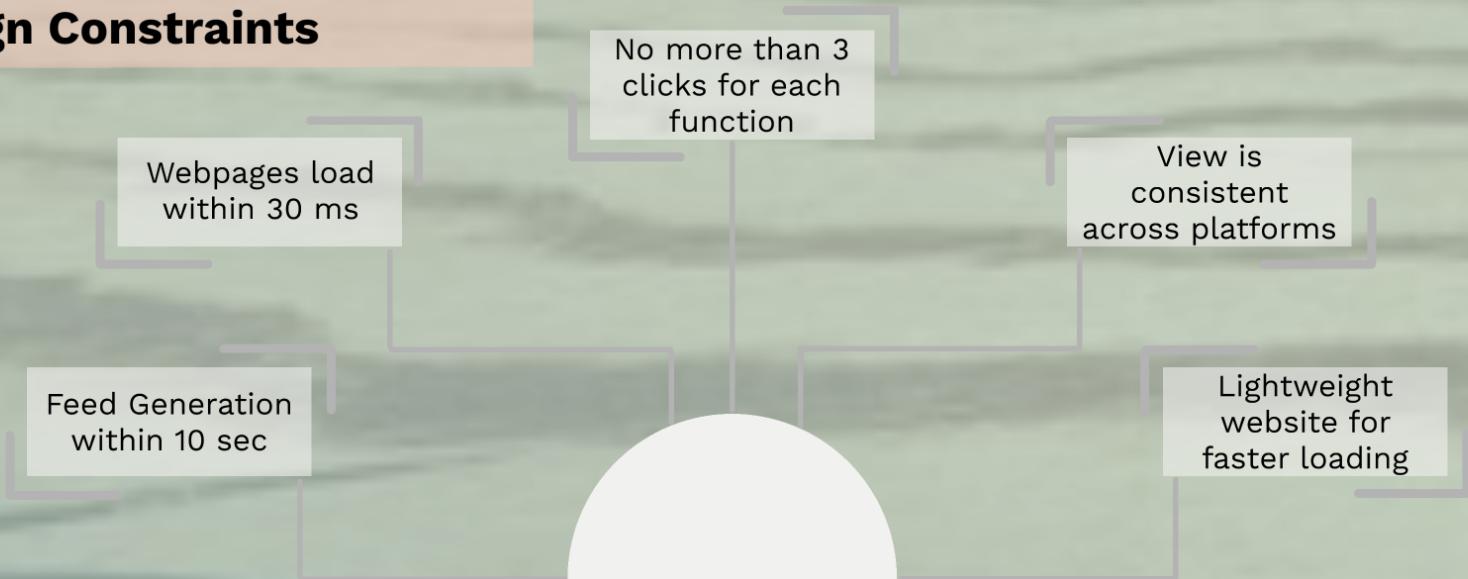
Socialize

- Follow other chefs
- Like dishes
- Comment on recipes

Share

Share recipes with people in your network

Performance Requirements & Design Constraints

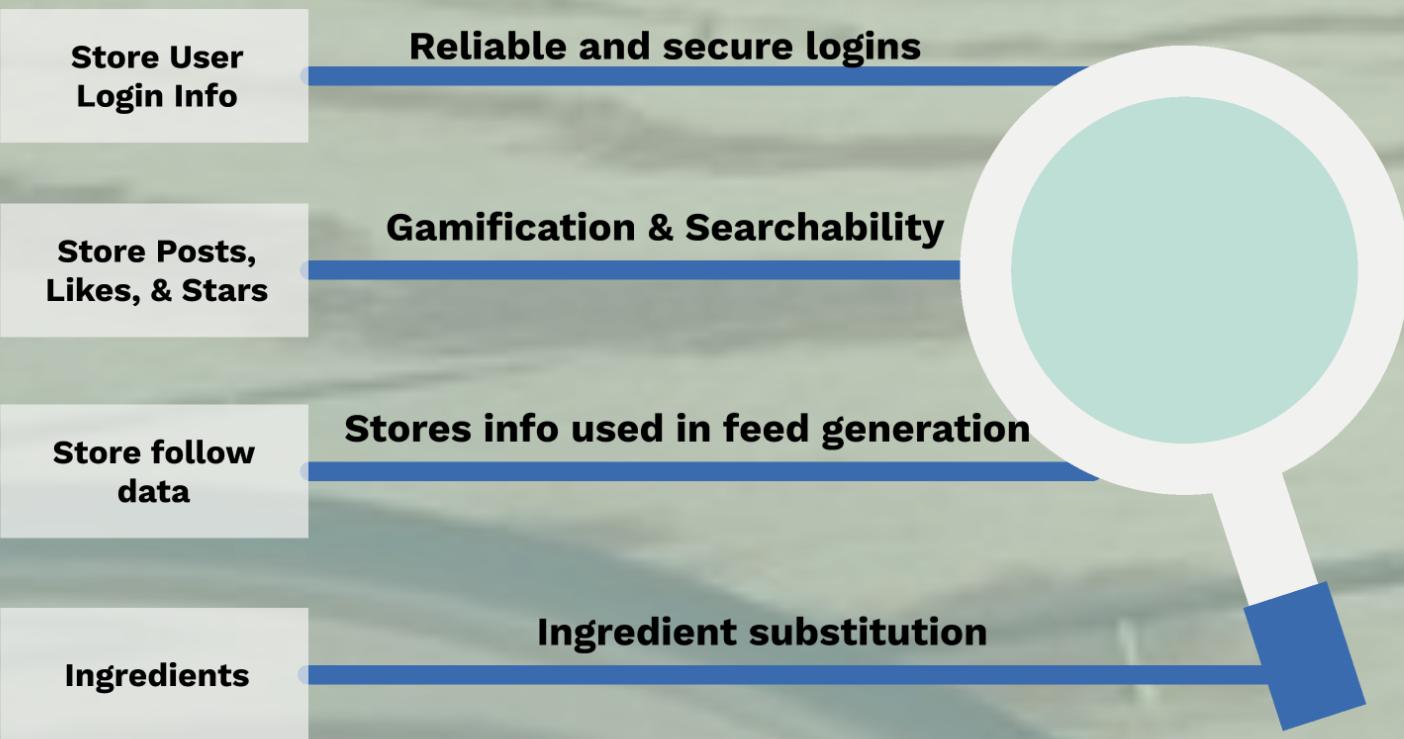


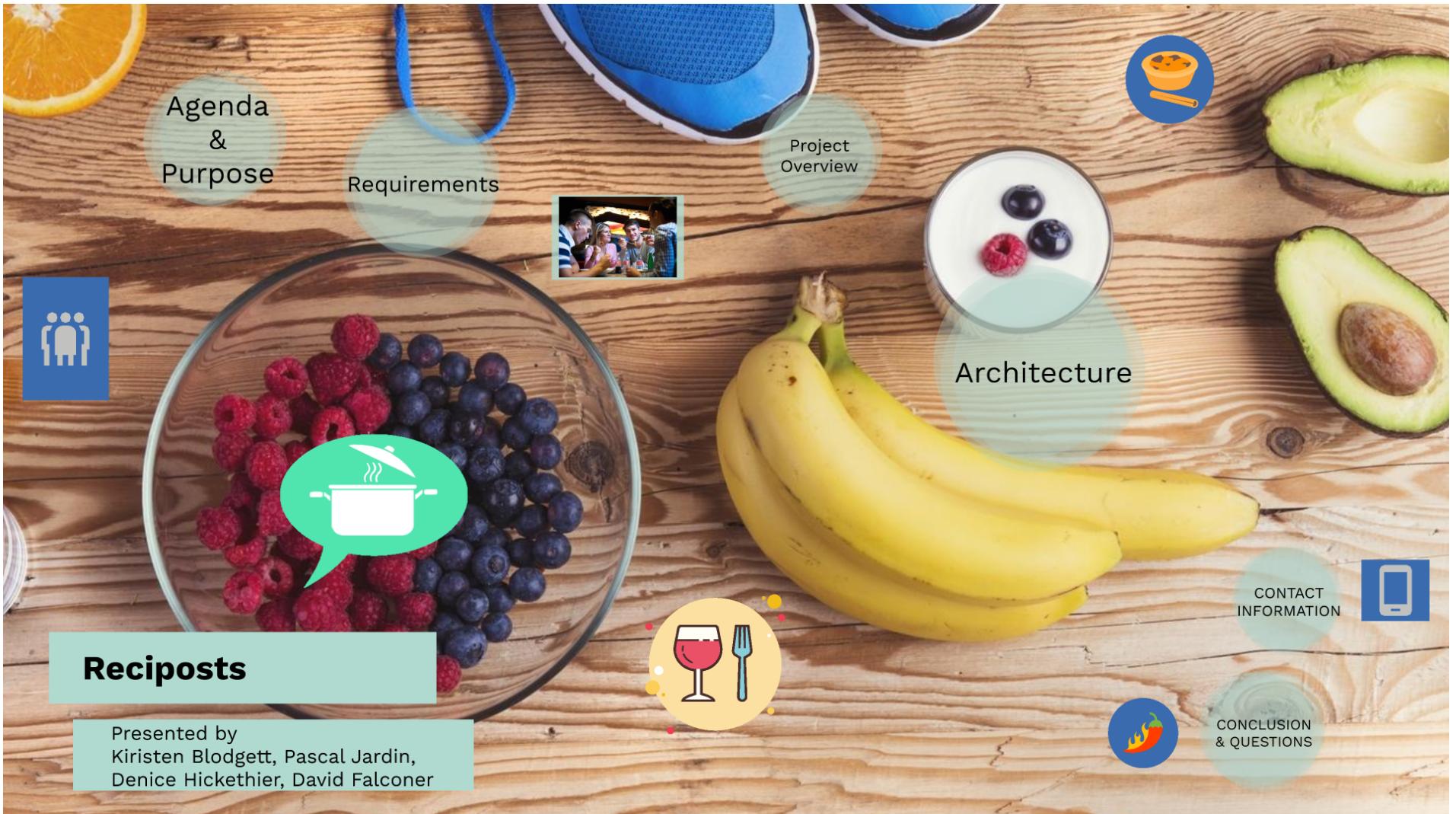
Software System Attributes

Reliability	Availability	
Using Cordova to streamline OS differences in mobile and desktop clients	Hosting with AWS to ensure 24/7 availability	
Security	Maintainability	Portability
Traffic to and from Reciposts is secure. User PII is unattainable by other users	Github will provide change management tools for reliable updates	Cordova allows us to make Reciposts available on virtually any hardware and OS type

Database

The Brains





Reciposts Search Recipes Notification Bell User Profile Help

<<

other user profile



Berry Cream Cheese Crepes

4.5 stars

Made these with grandma, they are great!

1 DAY AGO

other user profile



Sign in | Sign up

Email

Full Name

Username

Password

Sign up

(not signed in)feed page prototype

Reciposts Notification Bell User Profile Help

<<

 other user profile



Berry Cream Cheese Crepes

4.5 stars

Made these with grandma, they are great!

1 DAY AGO

Add a comment... Post

 other user profile



Name

Most Popular Profiles [See All](#)

-  other user profile [Follow](#)
-  other user profile [Follow](#)
-  other user profile [Follow](#)
-  other user profile [Follow](#)
-  other user profile [Follow](#)
-  other user profile [Follow](#)
-  other user profile [Follow](#)
-  other user profile [Follow](#)
-  other user profile [Follow](#)

(signed in)feed page prototype

Reciposts

Lunch



<<



other user profile

Puffed Shell Savory Tacos

● ● ● ● ⏰ 1h 0m



So hard to find a good soft shell,
I made this recipe with my sister, enjoy!
#lunch #fried



other user profile

Veggie and Pork Egg Rolls

● ● ● ● ⏰ 1h 10m



Can't go wrong with sweet and savory.
Came out better than expected
#chinese #lunch #snack



other user profile

Fried Cod Meal

● ● ● ●

Search Results Prototype

Reposts

Lunch



other user profile

Puffed Shell Savory Tacos

1h 0m



So hard to find a good soft shell,
I made this recipe with my sister, enjoy!
#lunch #fried



other user profile

Veggie and Pork Egg Roll

1h 10m



Can't go wrong with sweet and savory.
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other user profile

Fried Cod Meal

<<

Filter

Tags

#lunch

Difficulty



Up to

1 hrs

30 mins

Ingredients

MUST have

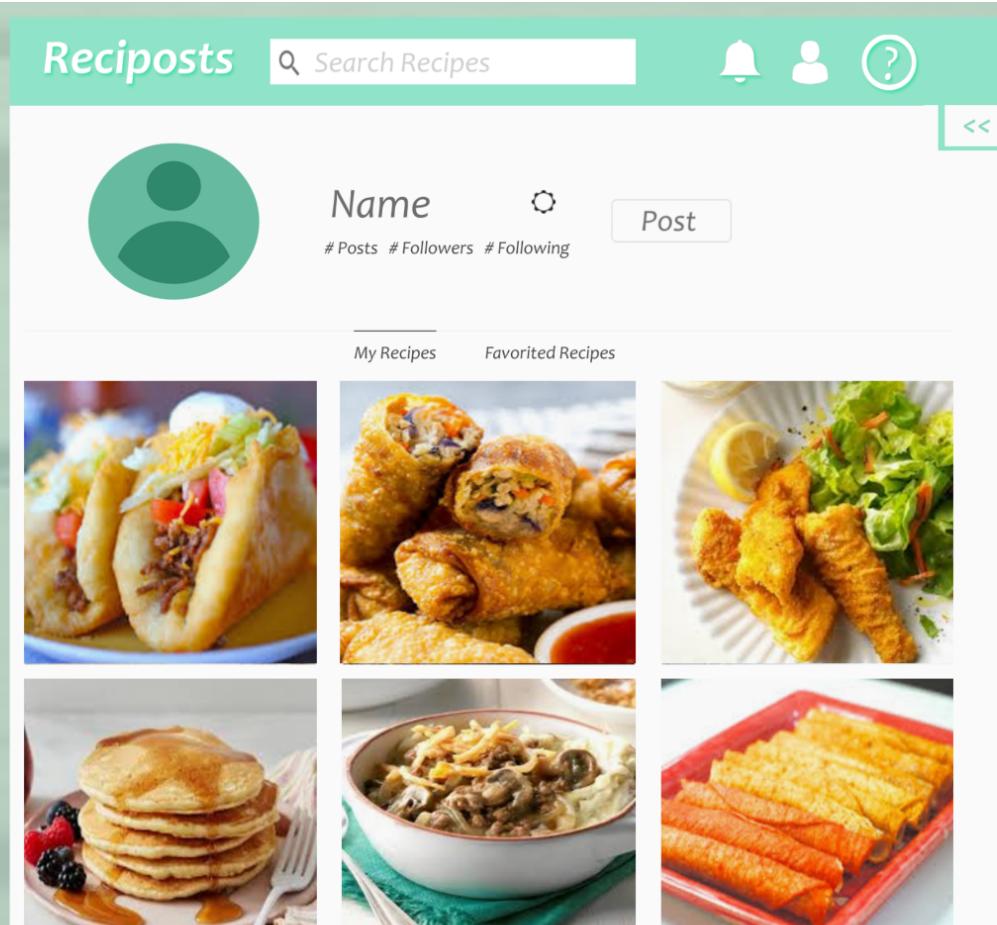
+ (empty)

CANNOT have

+ (empty)

Beef

Filter Prototype



Recipost Prototype Profile Page

Reciposts Search Recipes ?



Title
Tags +

Difficulty ● ● ● ●

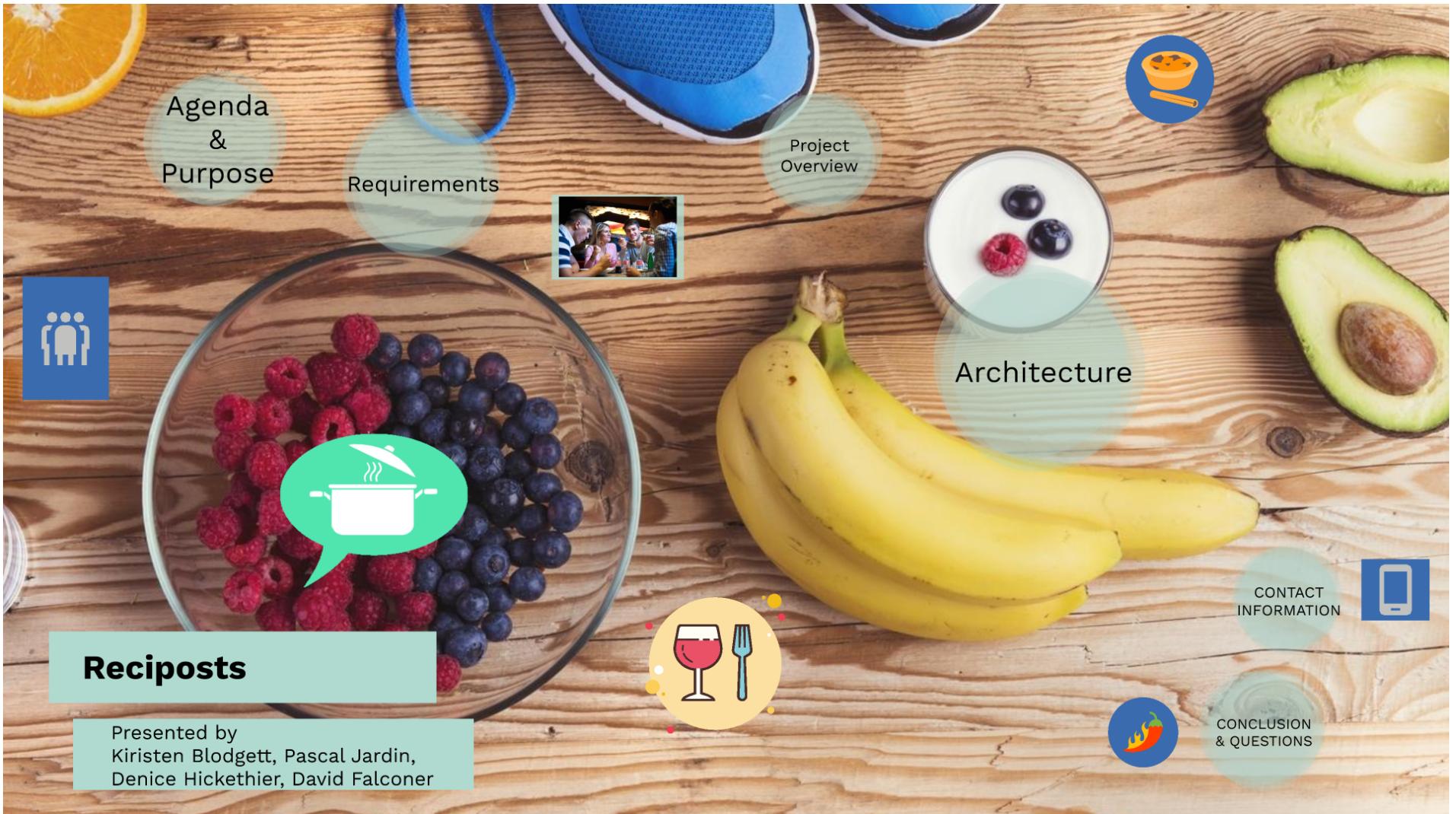
Import image +
Description

Ingredients
Amount +

Instructions

Post

Post Prototype



Reciposts Description

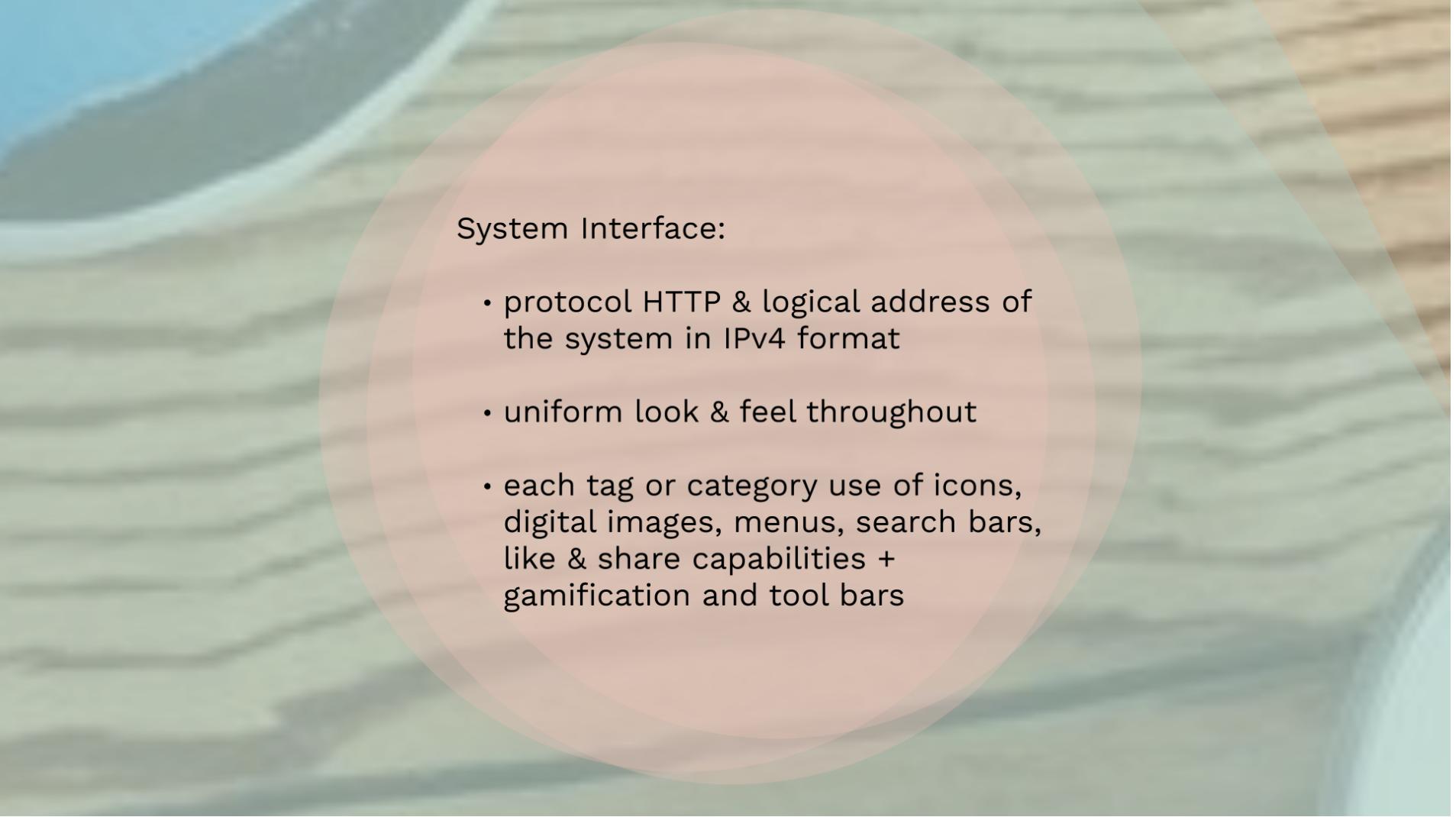


Product Functions

User Characteristics

Constraints

Assumptions & Dependencies



System Interface:

- protocol HTTP & logical address of the system in IPv4 format
- uniform look & feel throughout
- each tag or category use of icons, digital images, menus, search bars, like & share capabilities + gamification and tool bars

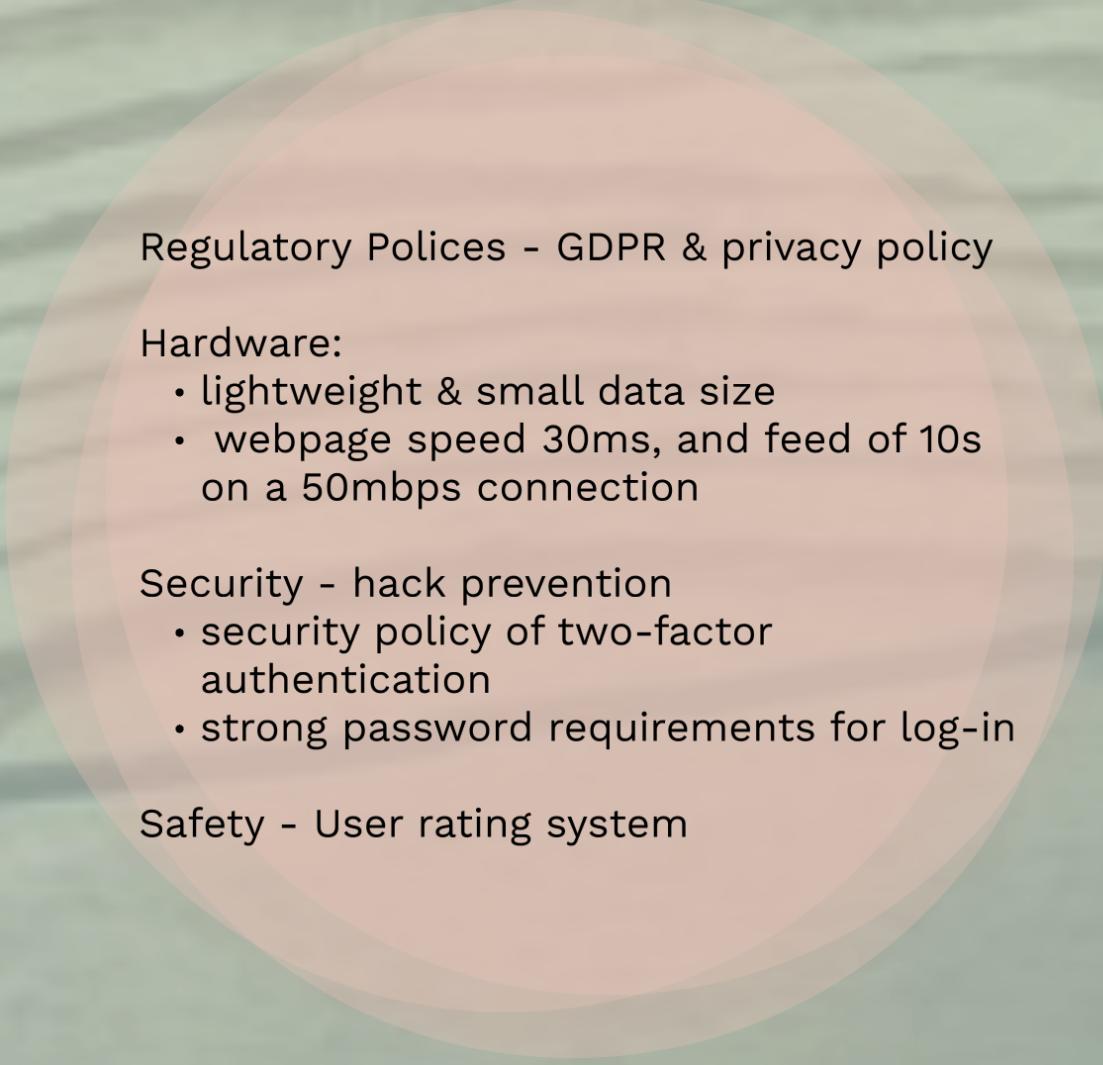
Compatible Browsers:

- Internet Explorer
- Mozilla Firefox
- Google Chrome
- Safari



Tools:





Regulatory Policies - GDPR & privacy policy

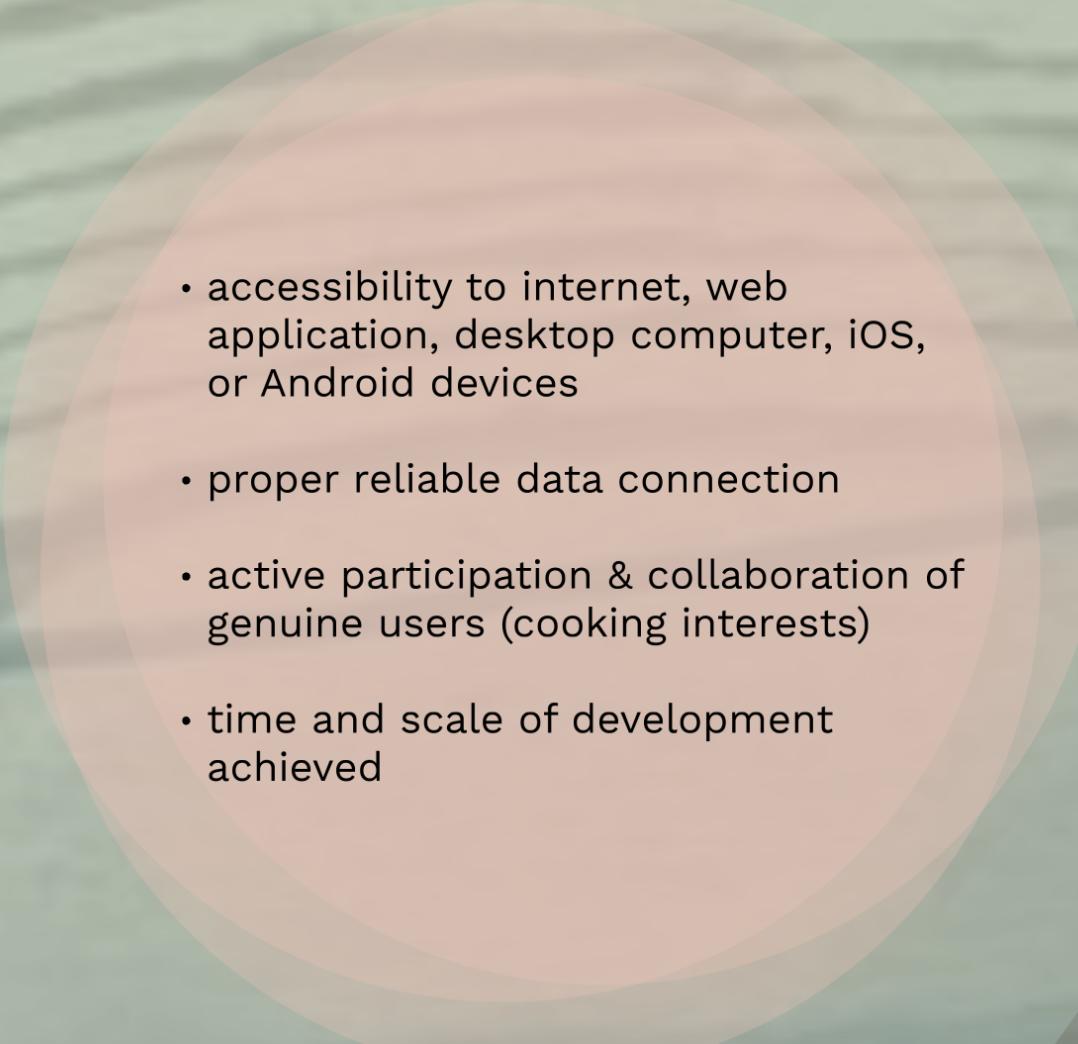
Hardware:

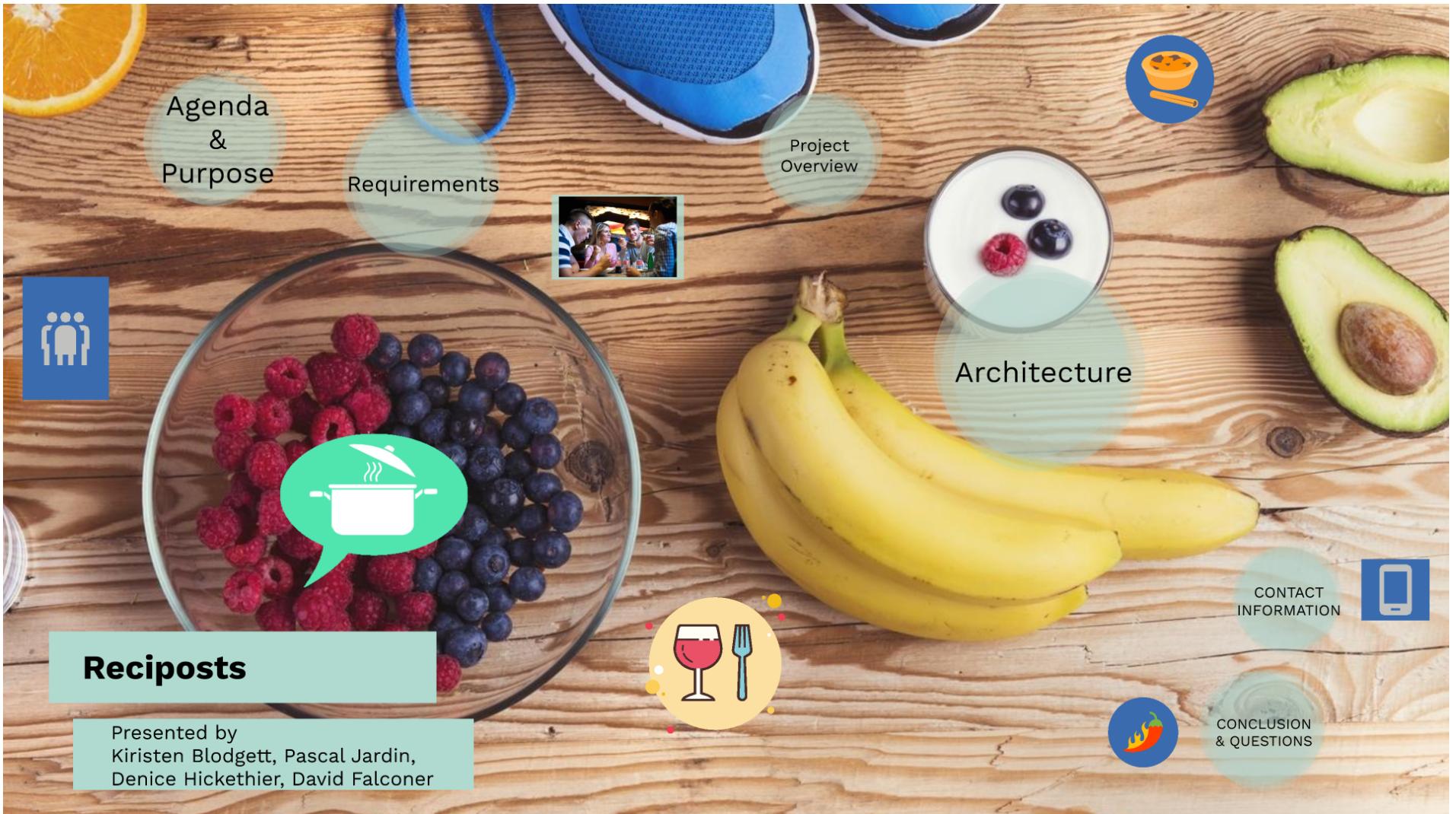
- lightweight & small data size
- webpage speed 30ms, and feed of 10s on a 50mbps connection

Security - hack prevention

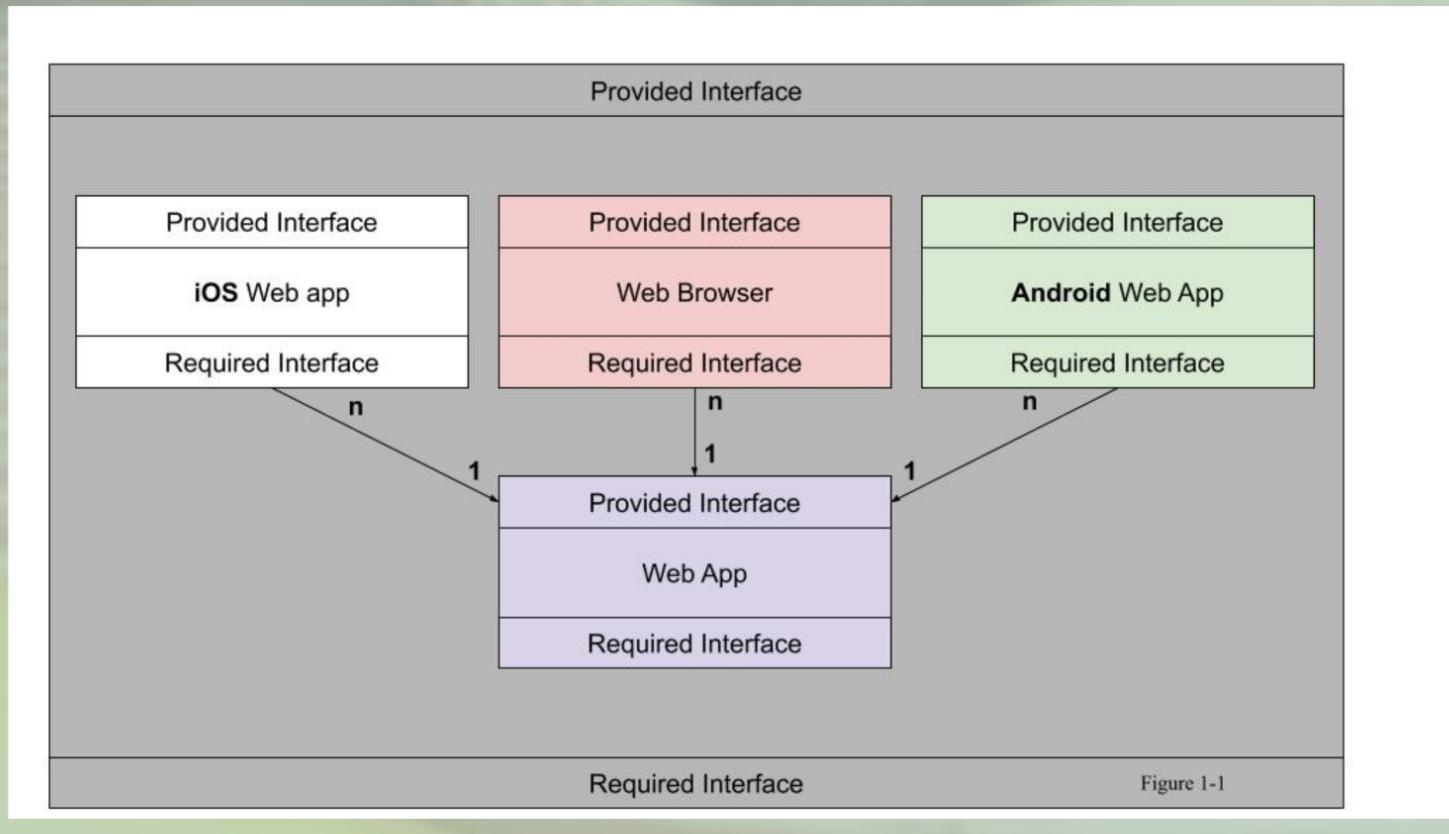
- security policy of two-factor authentication
- strong password requirements for log-in

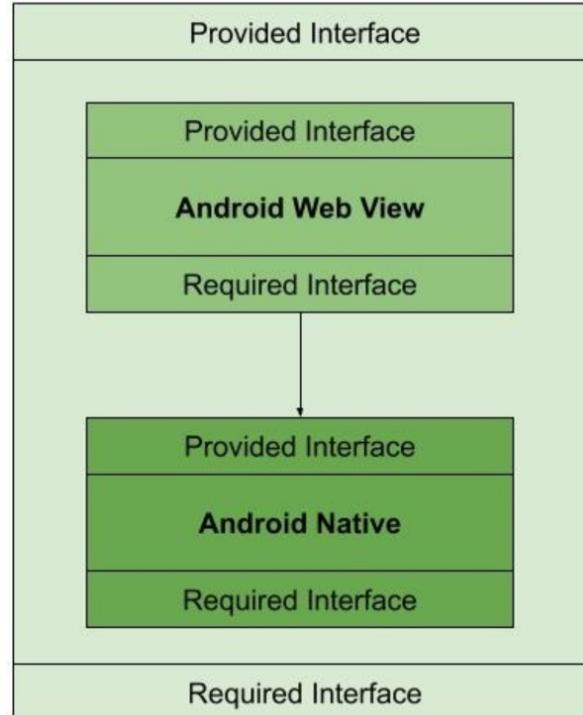
Safety - User rating system

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- accessibility to internet, web application, desktop computer, iOS, or Android devices
 - proper reliable data connection
 - active participation & collaboration of genuine users (cooking interests)
 - time and scale of development achieved

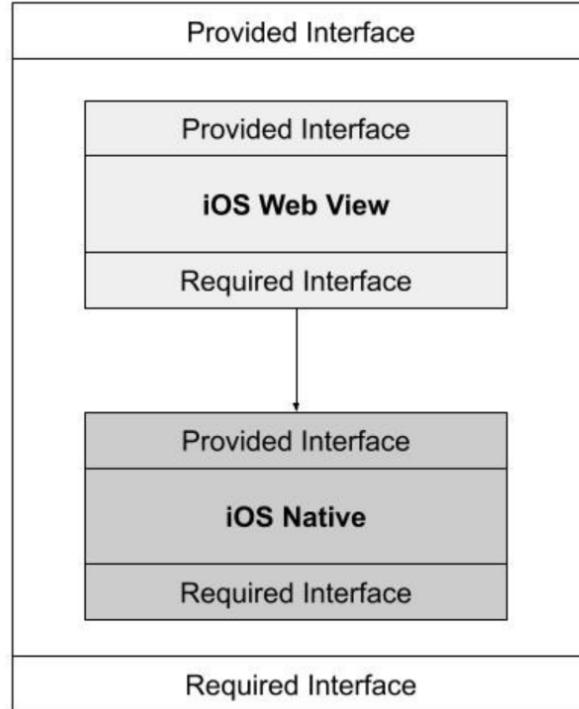


App

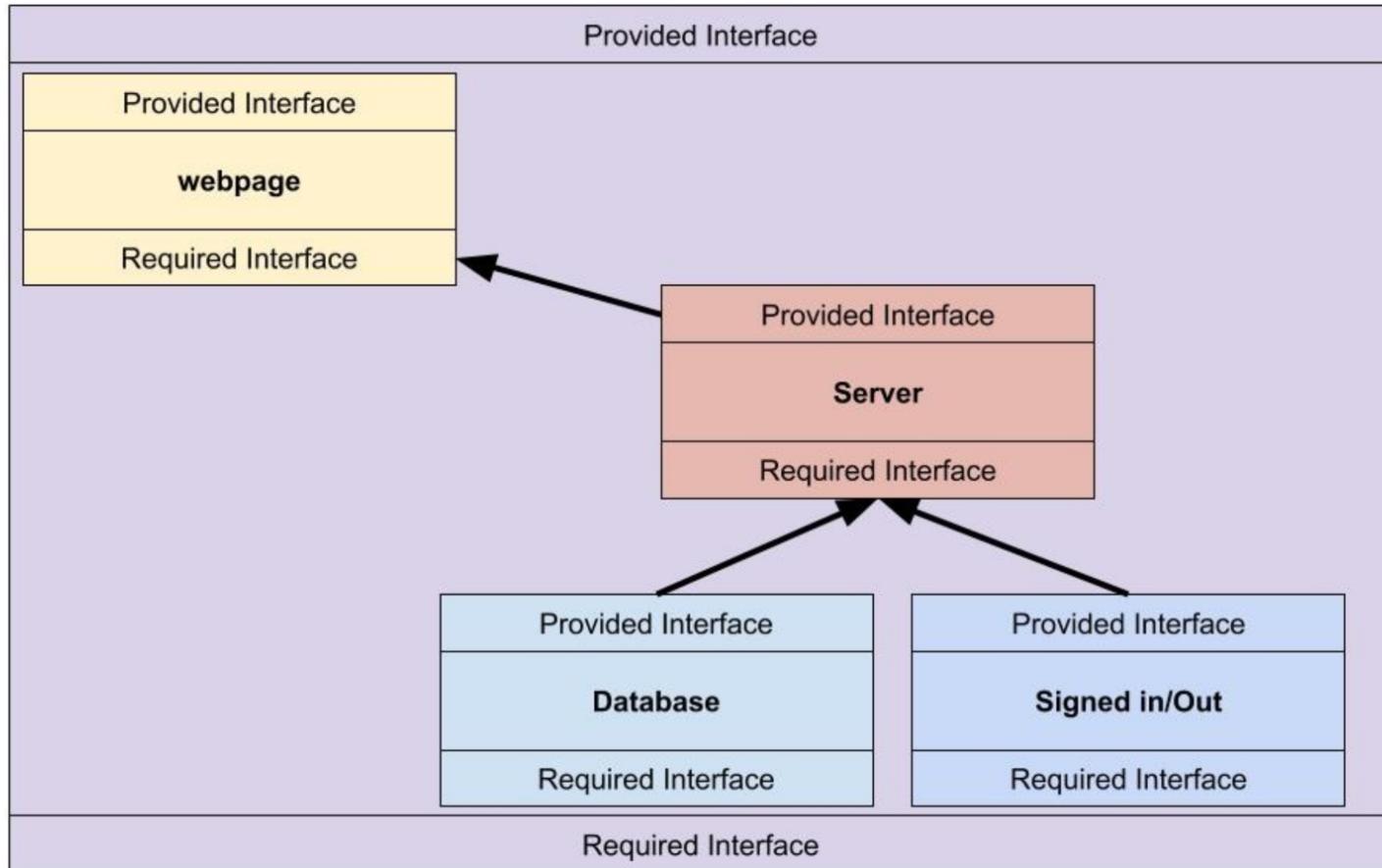




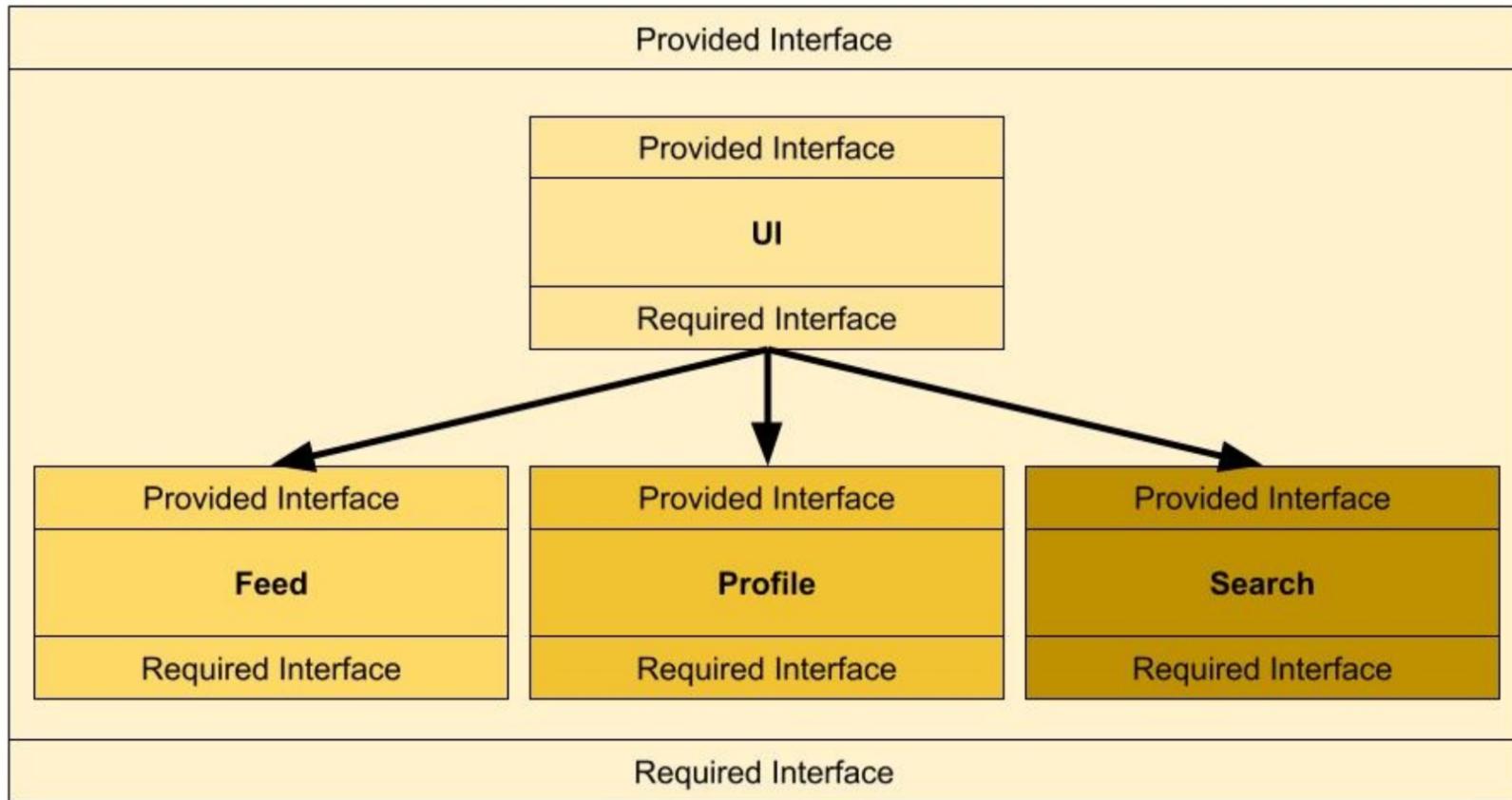
Android web app



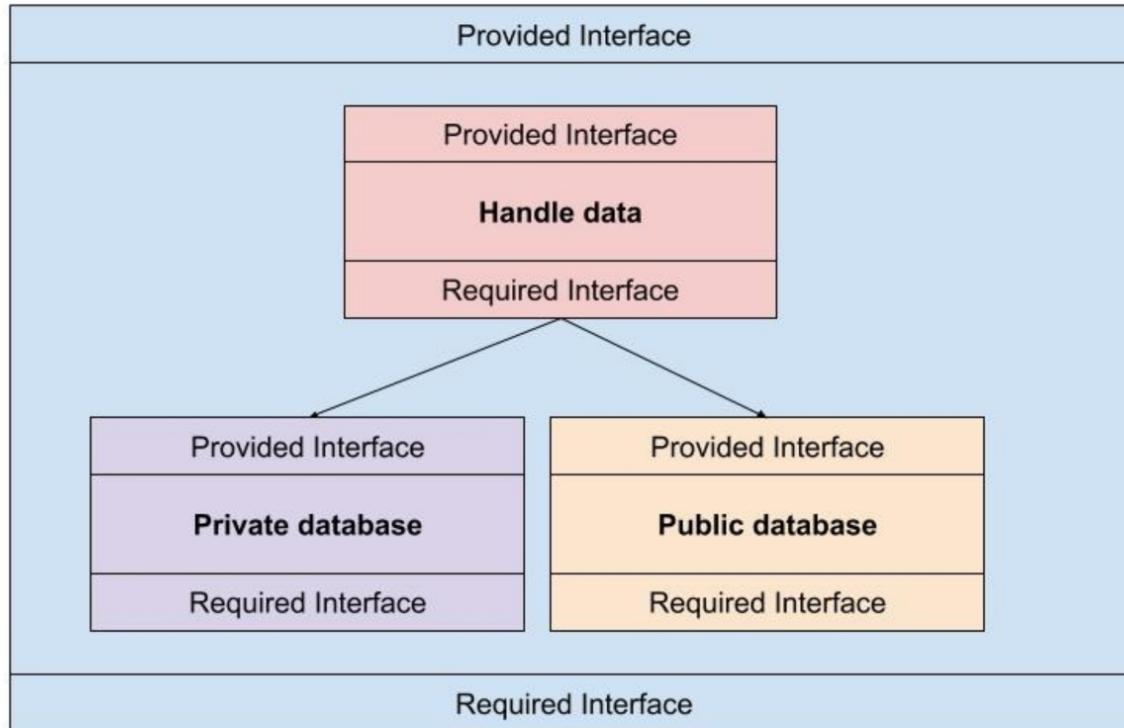
iOS web app



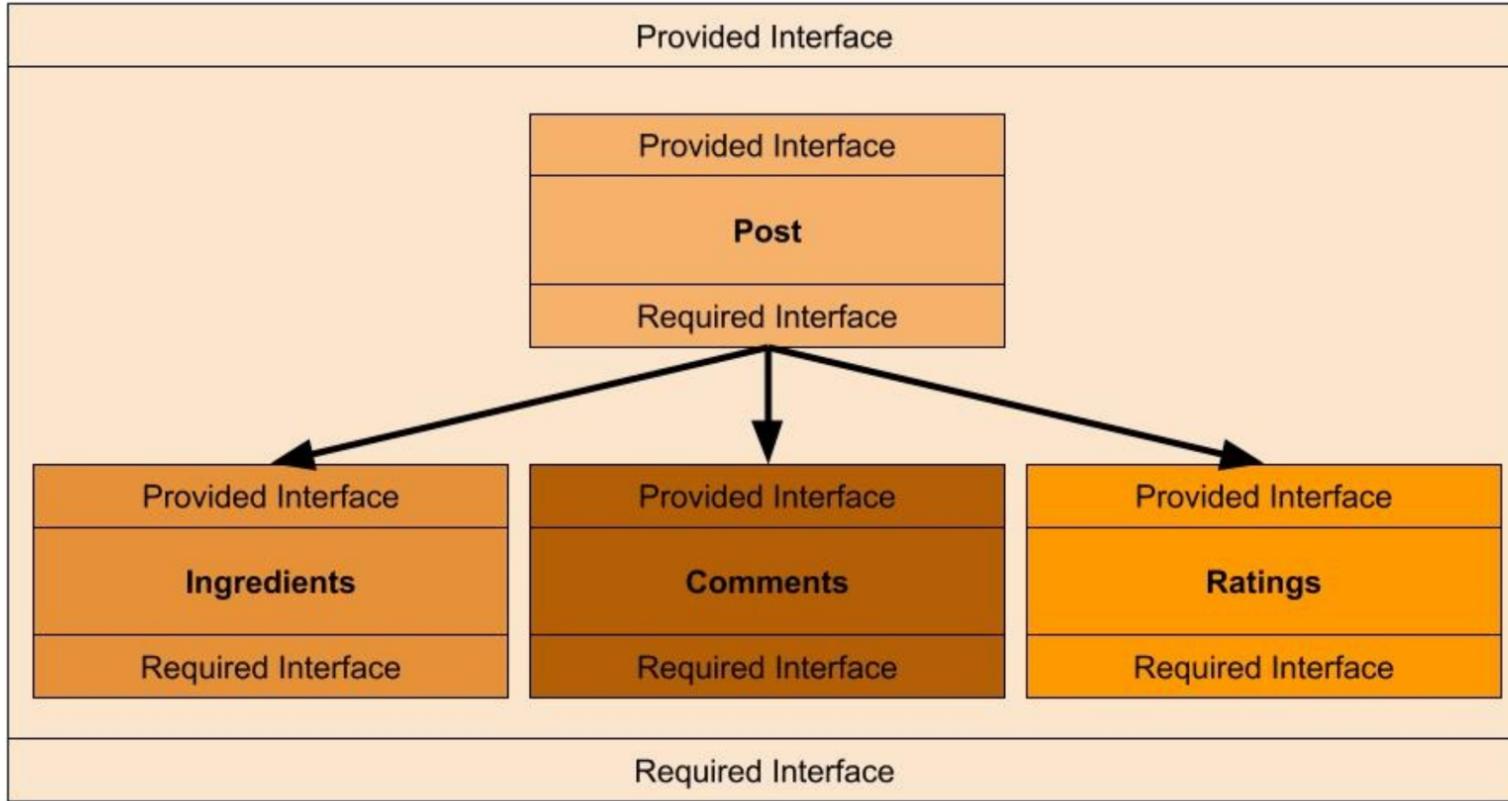
web app module



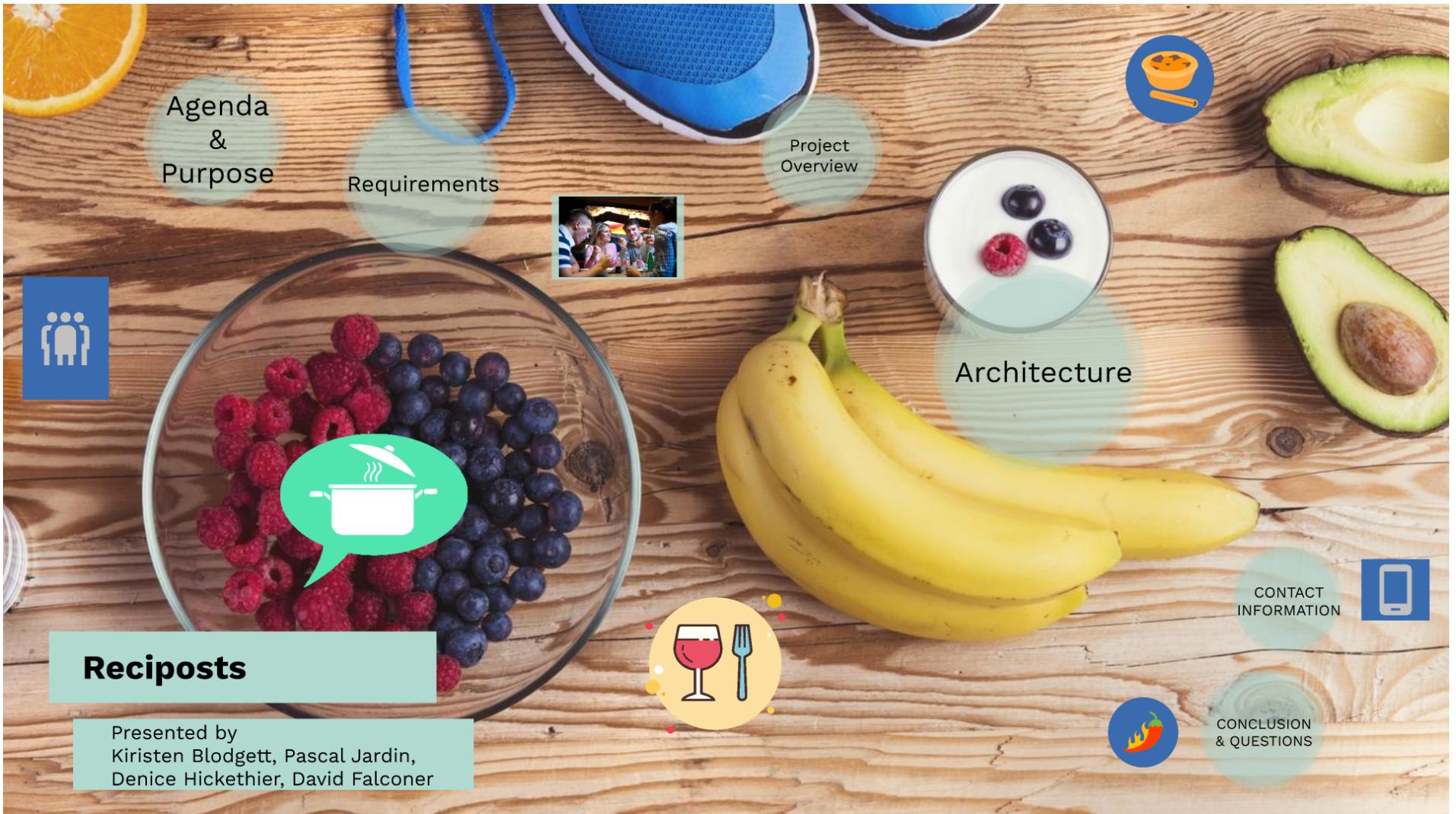
webpage module



database Module



public database model



Contact Information

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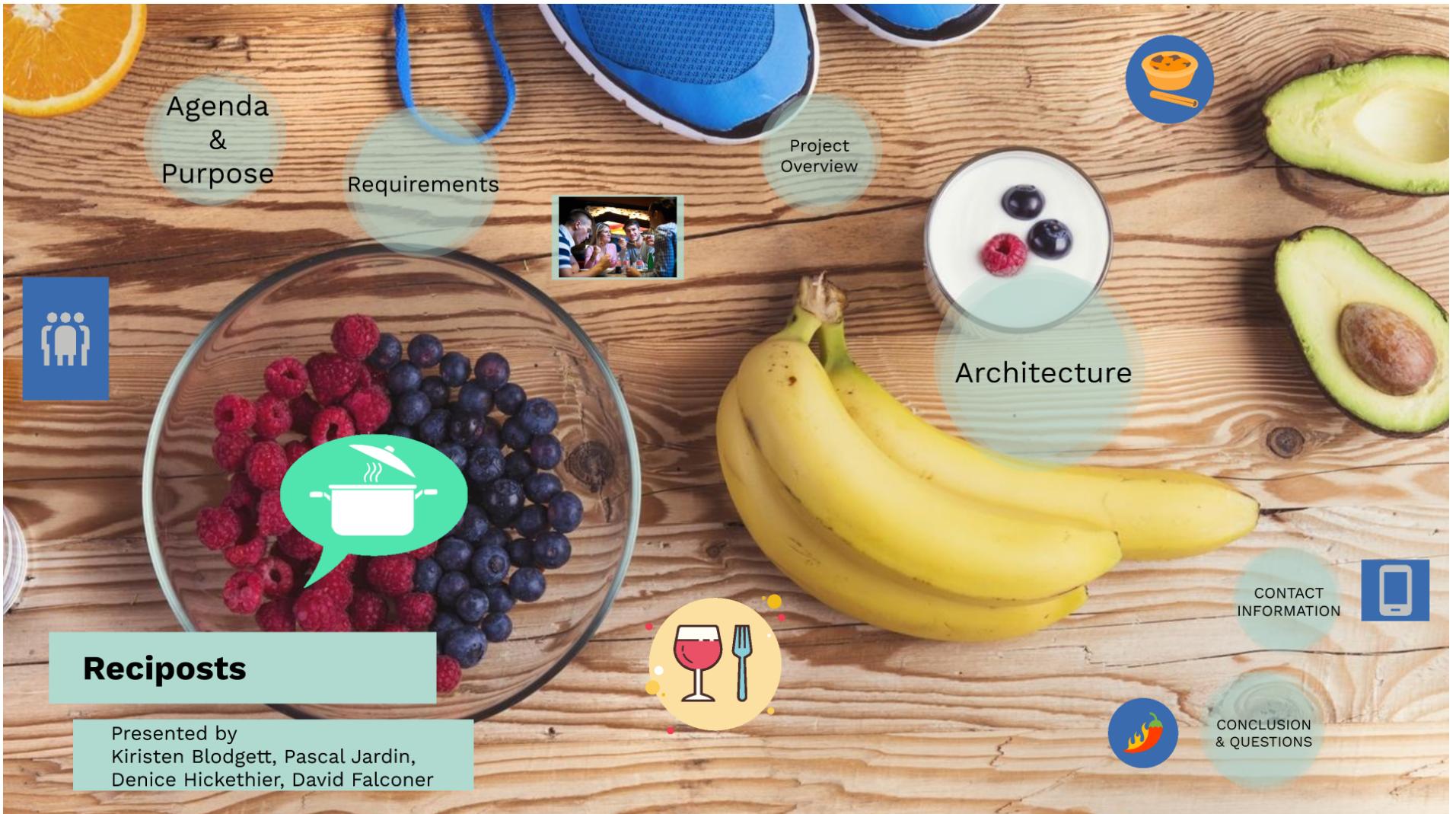
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Conclusion:

our recipe sharing app will be cross platform and available on iOS, Android, and desktop

<https://reciposts.com>

<https://s3-us-west-1.amazonaws.com/reciposts.com/index.html>

