

ER: Requirements Specification Component

TasteBuds helps people build a community of diverse, healthy and tasty eating habits.

A1: TasteBuds

The purpose of this project is to develop a web application for a social network that enables people to share cooking recipes with the world. The main stakeholders of this platform are the producer and the consumer, and a user may be both. The producers look for a way to share their recipes with the world, hopefully gaining some visibility from it and possibly attracting people to their business or any other ventures they have. The consumers look for a way to find new recipes that they haven't tried before.

Technology is always evolving to improve and facilitate people's lives. Cooking is one of the things we do every day, and it would be useful to have a tool to ease the task of remembering all the cooking recipes while helping people diversify and improve their diet. This application enables the formation of a community where people help each other create even better recipes.

The website has a responsive and intuitive design, where all users can share recipes that can be private, visible to followers or public. These recipes can include text, links, photos or videos. The user can create an account in the website and then authenticate himself with a username and password. Recipes are tagged and can be searched, filtered, sorted and saved to the user's favourites list. This also allows users to give a list of the ingredients they have at home and filter for recipes that need them. A recommendation algorithm is used to order recipes by default in the user feed. Users can view, comment and rate posts when the necessary permissions are met.

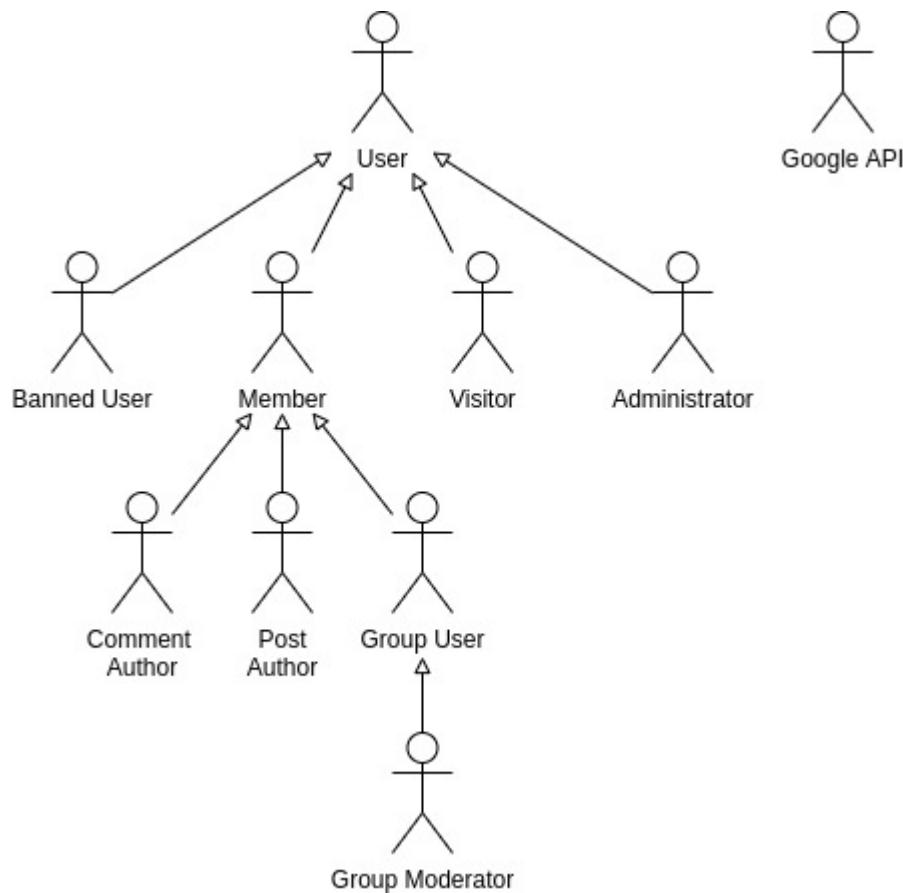
Users can follow accounts and set their profile as private so people need their confirmation to follow. They can also create public and private groups where users can easily share recipes with specific friends. The users can also send direct private messages to each other.

TasteBuds has different types of users. The visitor is able to navigate through the website, look up other people's profiles and public recipes but not comment or create posts and send messages. The member has the ability to comment and create posts, send messages, perform reviews on recipes, access his profile menu and change his personal information. The group moderators have the ability to manage their groups, such as approving membership requests, removing members and editing the group information. Lastly, the administrators are responsible for the management of the entire website. They don't have the ability to create, comment or make a review about a post but they do have the possibility of removing offensive content and banning users.

A2: Actors and User stories

This artefact contains the specification of the actors and possible relations between them, user stories, and some project requirements, serving as agile documentation.

1. Actors

**Figure 1:** Actors.

Identifier	Description	Examples
User	Has access to public information and can perform actions such as search and view recipes.	n/a
Visitor	Unauthenticated user that can sign-up or sign-in on the website.	n/a
Member	User that has authenticated. Can post, comment on other posts, follow people and participate in groups.	johndoe
Post Author	Creator of a post. Can edit the post and remove it.	gordonramsay
Comment Author	Creator of a comment. Can edit the comment and remove it.	foodcritic123
Group User	Member of a group. Can create and interact with posts shared with the group.	averagejoe
Group Moderator	Member of a group who can remove members and remove inappropriate content, as well as add other moderators.	averagejoe
Banned User	User that has been banished from the website. Upon authentication, no action is allowed (except that of a regular user).	trump
Administrator	Can delete inappropriate content, banish users and manage accounts and posts.	admin

Identifier	Description	Examples
Google API	External APIs that can be used to sign up or authenticate into the system.	Google Sign In for Websites

Table 1: Actors' description.

2. User Stories

For the TasteBuds system, consider the user stories that are presented in the following sections.

2.1 User

Identifier	Name	Priority	Description
US11	See home	high	As a <i>User</i> , I want to access the homepage, so that I can see the website's presentation.
US12	Search	high	As a <i>User</i> , I want to search for specific posts, users, groups and categories, so that I can view the information I want.
US13	Filter	high	As a <i>User</i> , I want to filter and sort the results of a search, so that I can find information more easily.
US14	See about	high	As a <i>User</i> , I want to access the about page so that I can learn more about the website's origin.
US15	View public profiles	high	As a <i>User</i> , I want to view all public profiles, so that I can get their information and recipes.
US16	Read reviews	high	As a <i>User</i> , I want to read all reviews of a post, so that I know what other people think about it.
US17	View a recipe	high	As a <i>User</i> , I want to view all information of a specific public recipe, so that I can get all the information about it.
US18	View similar recipes	low	As a <i>User</i> , I want to view similar recipes on a recipe's page, so that I can discover new recipes I may like.
US19	View Frequently Asked Questions	low	As a <i>User</i> , I want to access a page that gives help to commonly asked questions, so that I can clear up doubts.
US110	Share recipe	low	As a <i>User</i> , I want to share a public recipe on other social media, so that I can send it to anyone I want.

Table 2: User's user stories

2.2 Visitor

Identifier	Name	Priority	Description
US21	Sign-in	high	As a <i>Visitor</i> , I want to authenticate into the system, so that I can access privileged information.

Identifier	Name	Priority	Description
US22	Sign-up	high	As a <i>Visitor</i> , I want to register myself into the system, so that I can then authenticate myself.
US23	Sign-up using external API	low	As a <i>Visitor</i> , I want to register a new account linked to my external account, so that I can access privileged information.
US24	Sign-in using external API	low	As a <i>Visitor</i> , I want to sign-in through my external account, so that I can authenticate myself into the system.
US25	Recover my account	low	As a <i>Visitor</i> , I want to recover my account in case I forget one of my credentials so that I can use it again.

Table 3: Visitor's user stories

2.3 Member

Identifier	Name	Priority	Description
US31	Edit profile	high	As a <i>Member</i> , I want to edit my profile, so that I can update my information.
US32	Delete profile	high	As a <i>Member</i> , I want to delete my account, so that I can erase all my information from the website.
US33	Accept requests to follow	high	As a <i>Member</i> , I want to accept or decline a request to follow my profile, so that I can choose who can see my recipes.
US34	Follow users	high	As a <i>Member</i> , I want to follow other users so I can see what they post on my feed.
US35	View private profiles	high	As a <i>Member</i> , I want to view the private profiles that I follow, so that I can see their information and posted recipes.
US36	Change visibility of profile	high	As a <i>Member</i> , I want to choose to have my profile public or private, so that I can feel like my privacy is being respected.
US37	Create comment	high	As a <i>Member</i> , I want to comment on a recipe post or another comment, so that I can give my opinion.
US38	Rate a recipe	high	As a <i>Member</i> , I want to give a rating to a recipe from 1 to 5, so that I can give my feedback and share my opinion.
US39	Post a recipe	high	As a <i>Member</i> , I want to post recipes, so that I can share them with other users.
US310	Sign out	high	As a <i>Member</i> , I want to sign out of the system, so that I can close the session.

Identifier	Name	Priority	Description
US311	Send group membership requests	high	As a <i>Member</i> , I want to send membership requests to private groups, so that I have the chance to be a part of them.
US312	Join public groups	high	As a <i>Member</i> , I want to join public groups, so that I can post in them.
US313	View suggested recipes	medium	As a <i>Member</i> , I want to view suggested recipes on my feed so that I can discover new recipes I may like.
US314	Save recipe	medium	As a <i>Member</i> , I want to add a recipe to my favourites list, so that I can view it in the future more easily.
US315	Send and receive direct messages	medium	As a <i>Member</i> , I want to send and receive direct messages from a person I follow, so that we can have a private chat.
US316	Block a user	low	As a <i>Member</i> , I want to block a user, so that we cannot see each other's profiles.
US317	Add ingredient	low	As a <i>Member</i> , I want to add ingredients to the website's database, so that I can use them in my recipes.
US318	Verify my account	low	As a <i>Member</i> , I want to verify my identity, so that people can be sure that I am the real celebrity, chef or influencer they want to follow.

Table 4: Member's user stories

2.4 Post Author

Identifier	Name	Priority	Description
US41	Update a recipe	high	As a <i>Post Author</i> , I want to update a recipe, so that I can change its information.
US42	Delete a recipe	high	As a <i>Post Author</i> , I want to delete a recipe so that it's no longer in the website's database and no one can see it.
US43	Change visibility of recipe	high	As a <i>Post Author</i> , I want to change the visibility of a recipe, so that I can choose the users who can see it.

Table 5: Author's user stories

2.5 Comment Author

Identifier	Name	Priority	Description
-------------------	-------------	-----------------	--------------------

Identifier	Name	Priority	Description
US51	Update comment	medium	As a <i>Comment Author</i> , I want to update my comments, so that I can change their information.
US52	Remove comment	medium	As a <i>Comment Author</i> , I want to remove comments I made so that I can act when I regret posting one.

Table 6: Comment author's user stories

2.6 Group User

Identifier	Name	Priority	Description
US61	Post to group	high	As a <i>Group user</i> , I want to post to the group so that I can share recipes with the other members.
US62	See group posts	high	As a <i>Group user</i> , I want to view all the posts in the group, so that I can see what other people shared.
US63	Exit group	high	As a <i>Group user</i> , I want to exit a group, so that I no longer see its posts.
US64	Search group	low	As a <i>Group user</i> , I want to search for specific posts or users in the group, so that I can view the ones I am interested in.
US65	Filter posts in the group	low	As a <i>Group user</i> , I want to filter the posts in the group, so that I can find information more easily.

Table 7: Group user's user stories

2.7 Group Moderator

Identifier	Name	Priority	Description
US71	Ban people from the group	high	As a <i>Group moderator</i> , I want to ban group members, so that the group can be made of people valuable to the group.
US72	Edit group	high	As a <i>Group moderator</i> , I want to change the group's information and visibility, so that it is up to date.
US73	Manage membership requests	high	As a <i>Group moderator</i> , I want to accept or reject membership requests, so that I can choose who enters the group.
US74	Remove comments or posts	medium	As a <i>Group moderator</i> , I want to delete posts or comments made by other users that do not follow the group's rules.
US75	Add a moderator	low	As a <i>Group moderator</i> , I want to add more moderators, so that they can help in the task of keeping the group in order.

Table 8: Group moderator's user stories

2.8 Banned User

Identifier	Name	Priority	Description
US81	Request unban	low	As a <i>Banned User</i> , I want to request unban so that I can solve wrong bans and recover my account.

Table 9: Banned user's user stories

2.9 Administrator

Identifier	Name	Priority	Description
US91	Post removal	high	As an <i>Administrator</i> , I want to remove a post, so that I can remove posts that do not follow the website's rules.
US92	Comment or review removal	high	As an <i>Administrator</i> , I want to remove a comment or review, so that inadequate and spamming content gets wiped.
US93	Ban users	high	As an <i>Administrator</i> , I want to banish users, so that toxic users leave the website.
US94	Sign out	high	As an <i>Administrator</i> , I want to sign out of the system, so that I can close the session.
US95	Access private groups	medium	As an <i>Administrator</i> , I want to check private groups so that I can keep the order and respect on the website.
US96	Approve or reject new ingredient	low	As an <i>Administrator</i> , I want to have the ability to accept or reject an ingredient, so that users can find the ingredients they need.
US97	Manage Frequently Asked Questions	low	As an <i>Administrator</i> , I want to add, edit and remove a question so that it's kept always updated.
US98	Remove user ban	low	As an <i>Administrator</i> , I want to unban a user, so that he can post and view recipes again.
US99	Manage banishments	low	As an <i>Administrator</i> , I want to see the appeals made by banned users, so that I review their requests and rethink the administration's decision.

Table 10: Administrator's user stories

3 Supplementary requirements

3.1 Business rules

Identifier	Name	Description
------------	------	-------------

Identifier	Name	Description
BR01	Single Rating	An authenticated user can only rate a recipe once.
BR02	Recipe Score	The score of a recipe is the average of its reviews.
BR03	User Score	The score of users is the average of their recipes' scores.
BR04	User Ban	The administrator is able to ban users from the website if they do not follow the rules.
BR05	User account deletion	A user can opt to delete his account and consequently all the personal info related to it gets wiped.
BR06	Unbiased Review	An authenticated user can only review recipes posted by others.
BR07	Ban Lift	Every banned user has the right to submit an appeal to be reviewed by an administrator.
BR08	Post removal	When a post is deleted either by its creator or by an administrator then all the subsequent comments or reviews are removed as well.
BR09	Comment removal	When a comment is deleted either by its creator or by an administrator then all the subsequent comments are removed as well.
BR10	Review date	The date of a review must be after the post's creation date.

Table 11: Business Rules

3.2 Technical requirements

Identifier	Name	Description
TR01	Availability	The system must be available 99 percent of the time in each 24-hour period.
TR02	Accessibility	The system must ensure that everyone can access the pages, regardless of whether they have any handicap or not, or the web browser they use.
TR03	Usability	The system should be simple and easy to use.
TR04	Performance	The system should have response times shorter than 2s to ensure the user's attention.
TR05	Web application	The system should be implemented as a Web application with dynamic pages (HTML5, JavaScript, CSS3 and PHP).
TR06	Portability	The server-side system should work across multiple platforms (Linux, Mac OS, etc.).

Identifier	Name	Description
TR07	Database	The PostgreSQL 13 database management system must be used.
TR08	Security	The system shall protect information from unauthorised access through the use of an authentication and verification system.
TR09	Robustness	The system must be prepared to handle and continue operating when runtime errors occur.
TR10	Scalability	The system must be prepared to deal with the growth in the number of users and their actions.
TR11	Ethics	The system must respect the ethical principles in software development (for example, the password must be stored encrypted to ensure that only the owner knows it).

Table 12: Technical requirements

The three most important technical requirements are:

- **Usability:** The website must be very simple and easy to use so customers can browse the website without losing an excessive amount of time trying to understand how it works.
- **Accessibility:** The website must allow every user to access its contents regardless of any handicap.
- **Ethics:** The ethical responsibility of the website is taken very seriously, so users know TasteBuds cares about them.

3.3 Restrictions

Identifier	Name	Description
C01	Deadline	The system should be ready to be used by the end of the semester.

Table 13: Restrictions

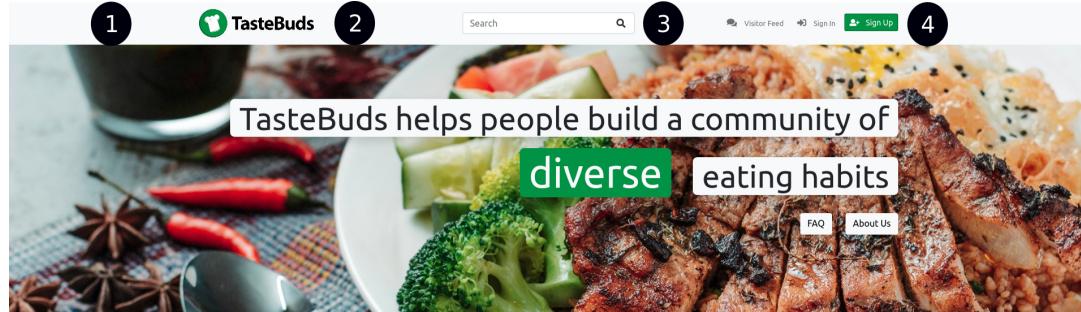
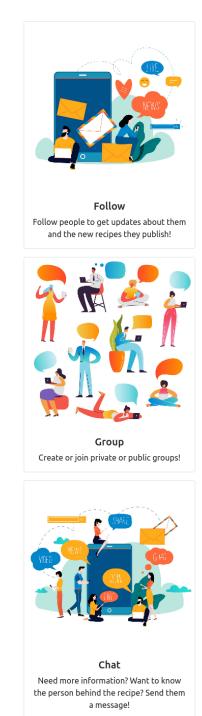
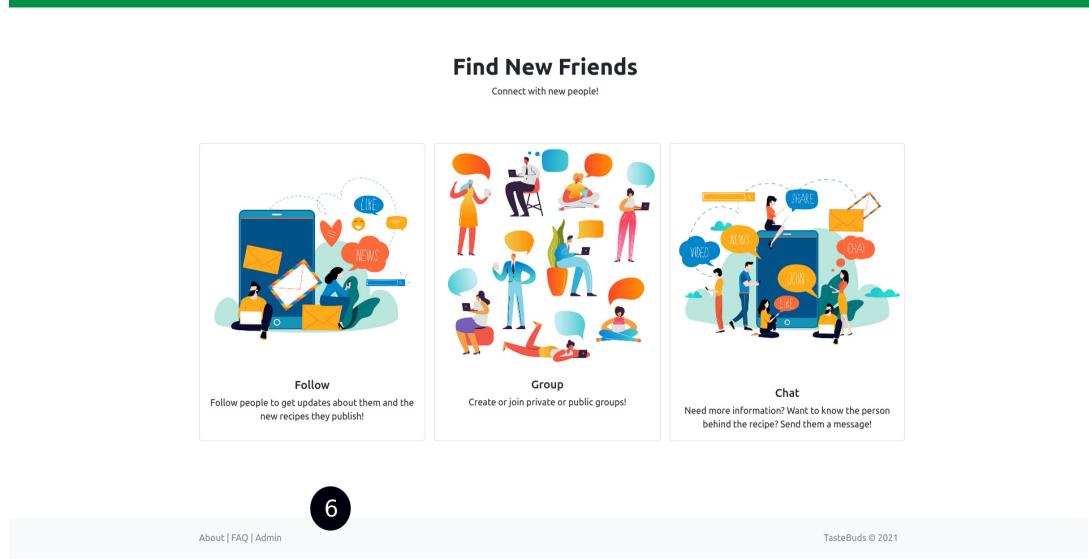
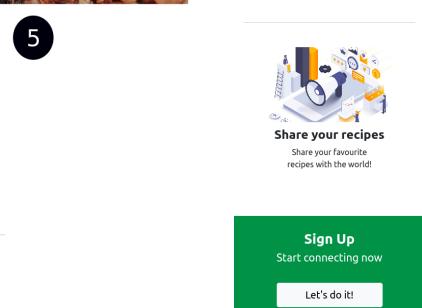
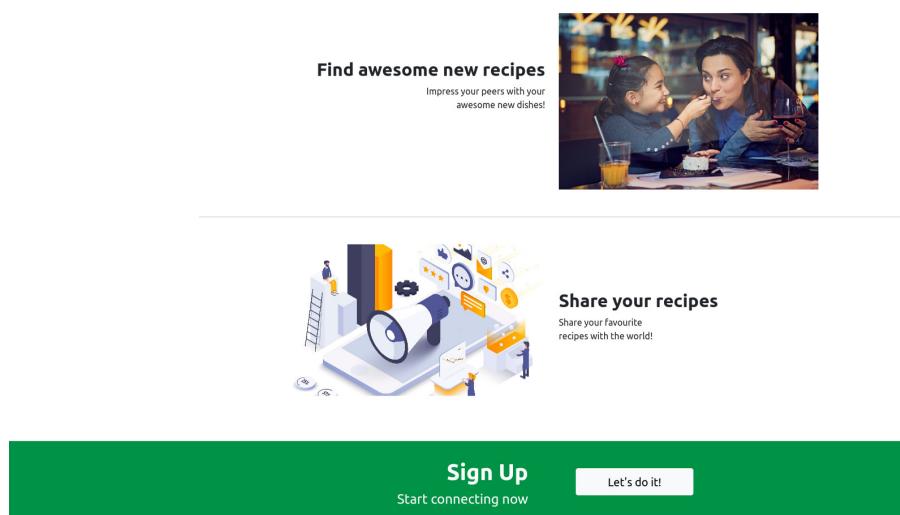
A3: User Interface Prototype

This artefact contains the prototype of all user interfaces. Its goal is to validate the correctness of previously defined user requirements, preview, test, and enable multiple iterations on the design of the user interface.

1. Interface and common features

TasteBuds is a web application based on HTML5, JavaScript, and CSS. The user interface was implemented using the [Bootstrap](#) framework.

Desktop	Mobile

Desktop**Mobile****Figure 2:** Interface's guidelines

1. Navbar
2. Logo
3. Search box
4. Sign In/Sign Up Area

5. Page Content

6. Footer

In this figure some characteristics common to all pages are highlighted:

- The user interface was developed taking all kinds of users into account. The result is an intuitive experience, no matter your background.
- The implemented web design is responsive allowing various screen sizes and resolutions, from a 15" or more desktop to a 4" smartphone.
- Through the website, all common links and buttons to the several pages, especially the ones placed in the navigation bar and footer, maintain their position to deliver a consistent user experience. Furthermore, the page margins also follow a common standard.
- All different sections are distinctly styled to denote different hierarchies of the presented information.

Note: Regarding the mobile view, when clicking "Search" or "Menu", a dropdown is presented with the referenced information.

2. Sitemap

A sitemap visually represents the relationships between different pages of the website by showing how all the information fits together. Moreover, it gives a general idea of how the website is internally structured into different areas.

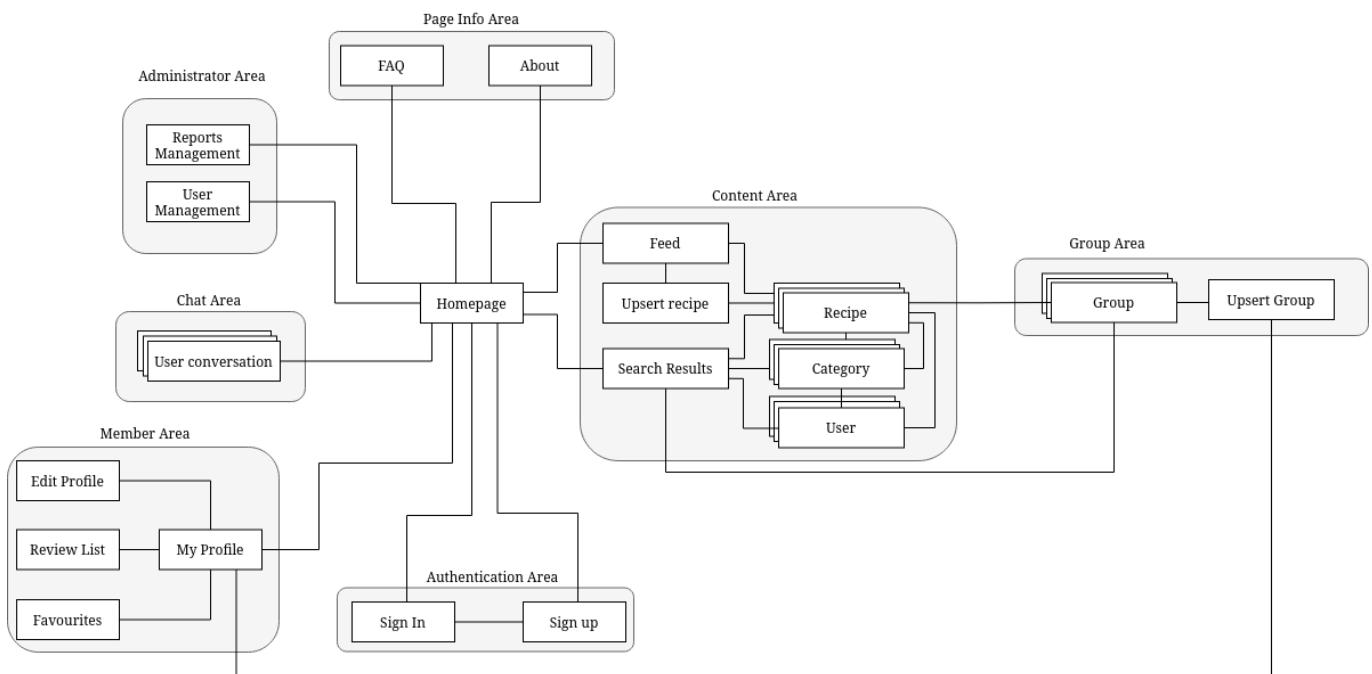


Figure 3: Sitemap

3. Wireflow

A Wireflow represents some of the main system interactions using a sequence of interfaces and describing how navigation is done between them.

Figure 4: Website wireflow.

The entire wireflow can be found [here](#).

4. Interfaces

List of Pages:

- Homepage
- Sign In
- Sign Up - Account Info
- Sign Up - Personal Info
- Sign Up - Finish
- About Us
- FAQ
- Private Messages
- Profile Page - Recipes
- Profile Page - Reviews
- Profile Page - Favourites
- Edit Profile
- Reports Management
- Users Management
- Search Results
- Group
- Category
- Feed
- Insert/Update Recipe - Information
- Insert/Update Recipe - Ingredients
- Insert/Update Recipe - Method
- Recipe
- Create Group
- Edit Group

UI01: Homepage

Desktop

Mobile

Mobile

TasteBuds helps people build a community of healthy eating habits

Find awesome new recipes
Impress your peers with your awesome new dishes!

Share your recipes
Share your favourite recipes with the world!

Sign Up
Start connecting now

Find New Friends
Connect with new people!

Follow
Follow people to get updates about them and the new recipes they publish!

Group
Create or join private or public groups!

Chat
Need more information? Want to know the person behind the recipe? Send them a message!

Follow
Follow people to get updates about them and the new recipes they publish!

Group
Create or join private or public groups!

Chat
Need more information? Want to know the person behind the recipe? Send them a message!

About | FAQ | Admin

TasteBuds © 2021

Figure 5: Homepage of the website is where we can see its features.

UI02: Sign In

Desktop

Mobile

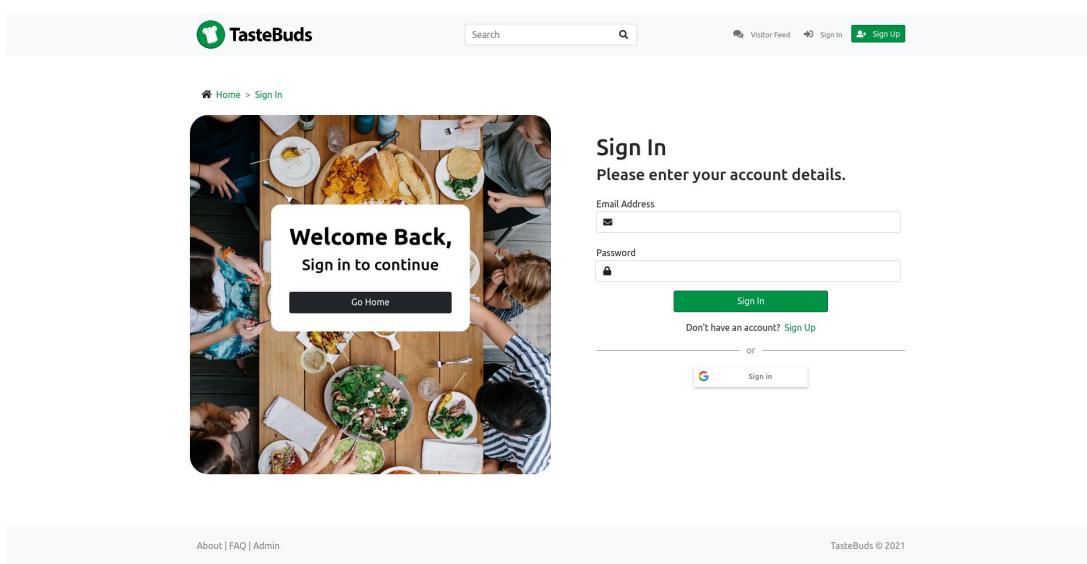
Desktop**Mobile**

Figure 6: [Sign In page](#) is where an user can login in his account.

UI03: Sign Up - Account Info

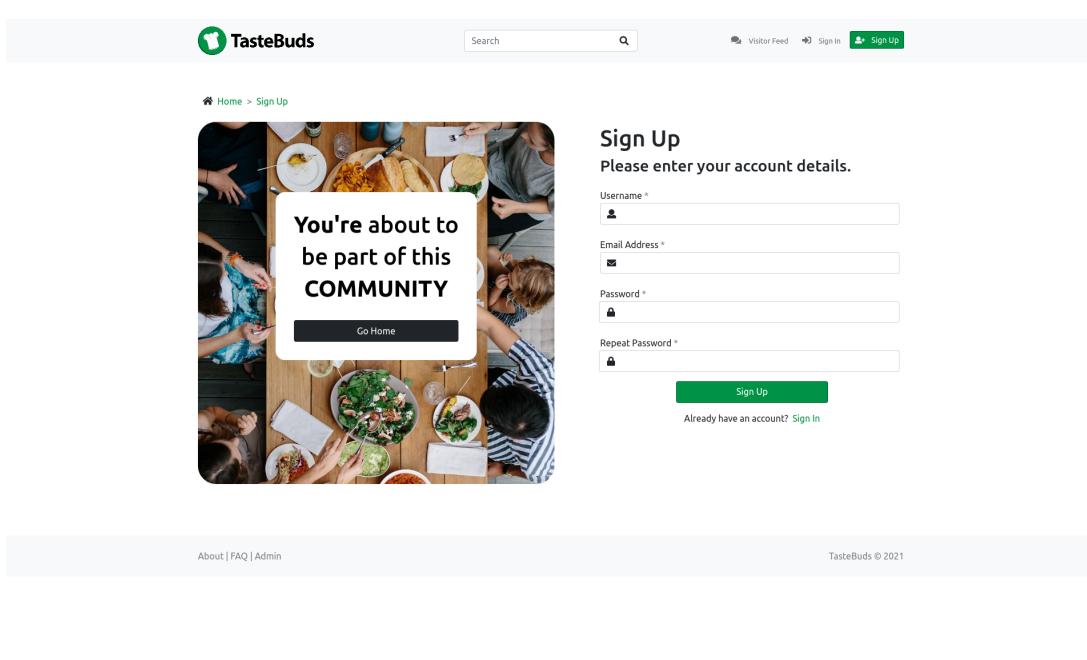
Desktop**Mobile**

Figure 7: [Sign Up page](#) is where an user can register a new account (account info).

UI04: Sign Up - Personal Info

Desktop**Mobile**

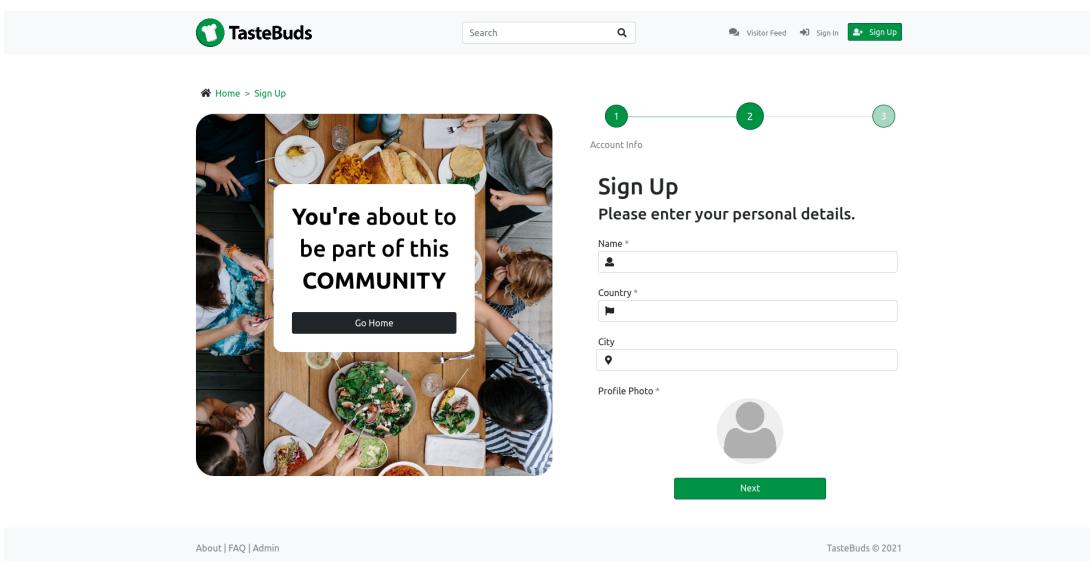
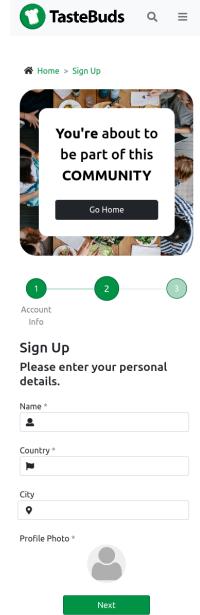
Desktop**Mobile**

Figure 8: [Sign Up page](#) is where an user can register a new account (personal info).

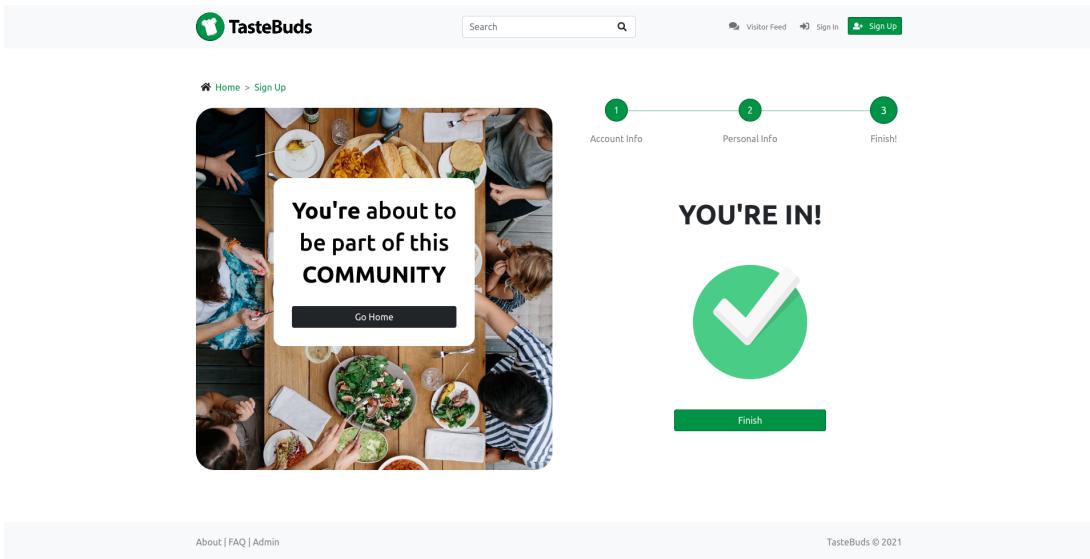
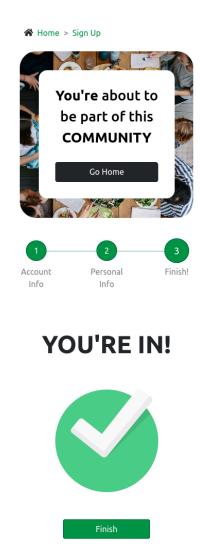
UI05: Sign Up - Finish**Desktop****Mobile**

Figure 9: [Sign Up page](#) is where an user can register a new account (finish).

UI06: About Us

Desktop

The screenshot shows the 'About Us' page of the TasteBuds website. At the top, there's a navigation bar with the logo, search bar, visitor feed, sign in, and sign up buttons. Below the header, the URL 'Home > About Us' is visible. The main content area has a title 'About Us' and a text box containing a brief description of the website's purpose and history. Below this is a section titled 'Our Team' featuring four team members with their names underneath: Alexandre Abreu, Tiago Gomes, Rafael Cristina, and Rui Pinto. At the bottom of the page are links for 'About | FAQ | Admin' and the copyright notice 'TasteBuds © 2021'.

Mobile

The screenshot shows the same 'About Us' page from a mobile device. The layout is similar to the desktop version, with the header, navigation bar, and main content area. The text box contains the same descriptive text. The 'Our Team' section is also present, showing the same four team members with their names. The footer links and copyright notice are at the bottom.

Figure 10: [About Us](#) page is where a small description of the website can be viewed as well as the development team.

UI07: FAQ**Desktop**

The screenshot shows the 'FAQ' page of the TasteBuds website. The header includes the logo, search bar, visitor feed, sign in, and sign up buttons. The URL 'Home > FAQ' is shown below the header. The main content area is titled 'FAQ' and contains a list of frequently asked questions, each with a collapse/expand icon. The questions include: How to sign up, How to sign in?, How does Google sign in and sign out works?, Where is the homepage?, How to search for something?, How to filter my search results?, How do I know more about the developers of this page?, How to see a profile?, How to see the reviews of a recipe?, How to view a recipe?, How to see the frequently asked questions page?, How to share a recipe?, How to print a recipe?, How to post a recipe?, and How to edit a recipe?. At the bottom of the page are links for 'About | FAQ | Admin' and the copyright notice 'TasteBuds © 2021'.

Mobile

The screenshot shows the same 'FAQ' page from a mobile device. The layout is similar to the desktop version, with the header, navigation bar, and main content area. The list of frequently asked questions is identical. The footer links and copyright notice are at the bottom.

Figure 11: [FAQ](#) page is where the most frequently asked questions and respective answers are.

UI08: Private Messages

Desktop

Conversations

- Sarah Colbert

Sarah: That's nice!
- John Guy

You: Okay bro.
- Alexa Nixon

Alexa: That sounds delicious

Sarah Colbert

19 Feb 2021, 16:19

Hey

Hello :)

Can you send me the recipe for the tasty mousse that you talk about in the last one you published?

Of course! I will publish it once I get home.

That's nice!

Message

Send

About | FAQ | Admin

TasteBuds © 2021

Mobile

Conversations

Sarah Colbert

19 Feb 2021, 16:19

Hey

Hello :)

Can you send me the recipe for the tasty mousse that you talk about in the last one you published?

Of course! I will publish it once I get home.

That's nice!

Message

Send

About | FAQ | Admin

TasteBuds © 2021

Figure 12: [Private Messages page](#) is where people can chat with each other and view their conversations.

UI09: Profile Page - Recipes**Desktop**

Profile

Jamie Oliver

Sush chef / Sushisan

Recipes Followers Following

1213 102 30

Edit

Average rating
3.5 ★★★★

Recipes **Reviews** **Favourites**

Personal Info

Rúmão, Portugal
Joined in Jul 2020

Create Recipe **Create Group**

Following

+ See all following

Groups

Vegetarianos do Porto
Receitas da avó

+ See all groups

Recipes

+ See all recipes

Mobile

Profile

Jamie Oliver

Sush chef / Sushisan

Recipes Followers Following

1213 102 30

Edit

Average rating
3.5 ★★★★

Recipes **Reviews** **Favourites**

Personal Info

Rúmão, Portugal
Joined in Jul 2020

Create Recipe **Create Group**

Following

+ See all following

Groups

Vegetarianos do Porto
Receitas da avó

+ See all groups

Recipes

+ See all recipes

Desktop

The screenshot shows the desktop version of the TasteBuds profile page for Jamie Oliver. At the top, there's a navigation bar with the TasteBuds logo, a search bar, and user info for Jamie Oliver. Below the header is a large banner image of a salad. The main profile area features a circular profile picture of Jamie Oliver, his name, title 'Sushi chef | Sushisan', and stats: Recipes (1213), Followers (102), Following (30). A 'Edit' button is in the top right of this box. Below this are tabs for 'Recipes', 'Reviews', and 'Favourites'. To the left, there are sections for 'Personal Info' (location: Ruihão, Portugal, joined in Jul 2020), 'Create Recipe' and 'Create Group' buttons, 'Following' (a grid of profile pictures), and 'Groups' (Vegetarianos do Porto and Receitas da avó). On the right, there are two recipe cards: 'Classic Tiramisu' (4.6 stars, 563 reviews) and 'Churro Waffles' (4.6 stars, 563 reviews). Both cards show images of the dishes, descriptions, average ratings, and filters (Dessert, Vegetarian, Low carb). At the bottom right, there's a 'Load More' button.

Figure 13: Profile page is where the user can view his info, check posts, reviews, and saved recipes (recipes).

UI10: Profile Page - Reviews**Desktop****Mobile**

TasteBuds

Search

Jamie Oliver

Mobile

19 / 33

Figure 14: Profile page is where the user can view his info, check posts, reviews, and saved recipes (reviews).

UI11: Profile Page - Favourites

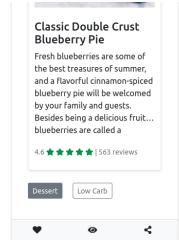
Desktop

The desktop version of the profile page for Jamie Oliver shows a large banner image of a salad. Below it is a summary section with Jamie's profile picture, name, title (Sushi chef | Sushisan), and statistics: Recipes (1213), Followers (102), Following (30). A green "Edit" button is present. Below this is a "Favourite Recipes" section containing two cards for "Traditional Irish Stew" and "Classic Double Crust Blueberry Pie". Each card includes a thumbnail, the author's name (Jay Gatsby), the date (5 September, 2021), the recipe name, a brief description, a rating (4.6 stars), and a "View Recipe" link. At the bottom of the page are links for "About | FAQ | Admin" and "TasteBuds © 2021".

Mobile

The mobile version of the profile page for Jamie Oliver has a similar layout but is optimized for smaller screens. It features a large banner image at the top. Below it is a summary section with Jamie's profile picture, name, title, and statistics. A green "Edit" button is present. The "Favourite Recipes" section is shown as a grid of cards, with the first two being "Traditional Irish Stew" and "Classic Double Crust Blueberry Pie". Each card includes a thumbnail, the author's name, the date, the recipe name, a brief description, a rating (4.6 stars), and a "View Recipe" link. The bottom of the page includes a "Personal Info" section with location and join date, and links for "Create Recipe" and "Create Group".

Desktop



About | FAQ | Admin
TasteBuds © 2021

Figure 15: Profile page is where the user can view his info, check posts, reviews, and saved recipes (favourites).

UI12: Edit Profile

Desktop

Profile Photo *

Cover Photo

Biography *
Sushi chef | Sushisan

Name *
Jamie Oliver

Country *
Portugal

City
Ruihe

Email
jamieoliver@gmail.com

Username
jamieoliver

Profile Visibility *
 Public Private

Submit **Change Password** **Delete Profile**

Mobile

Profile Photo *

Cover Photo

Biography *
Sushi chef | Sushisan

Name *
Jamie Oliver

Country *
Portugal

City
Ruihe

Email
jamieoliver@gmail.com

Username
jamieoliver

Profile Visibility *
 Public Private

Submit **Change Password** **Delete Profile**

About | FAQ | Admin
TasteBuds © 2021

Figure 16: Edit Profile page is where the user can change his basic info.

UI13: Reports Management

Desktop

21 / 33

Mobile

Desktop

Type	Content	Owner	Reason for report	Reported by	Actions
Comment	Shut up you ape	john guy	Disrespectful	annah_guttenberg	View Unmark Report Delete

Mobile

Type	Content	Owner	Reason for report
Comment	Shut up you ape	john guy	Disrespectful

Figure 17: Reports Management page is where reports regarding post recipes, users, and comments are managed.

UI14: Users Management**Desktop**

Username	Name	E-Mail	Country	City	N° of posts	N° of comments	N° of reports	Actions
sarahxcolbert	Sarah Colbert	sarahxcolbert@mail.com	Italy	Milan	5	11	0	View Unmark Report
john guy	John Guy	johnguy@mail.com	Italy	Venice	13	27	1	View Unmark Report

Mobile

Username	Name	E-Mail
sarahxcolbert	Sarah Colbert	sarahxcolbert@mail.com
johnguy	John Guy	johnguy@mail.co

Figure 18: Users Management page is where all the website users can be managed.

UI15: Search Results**Desktop**

Recipes

Mobile

Recipes

TasteBuds

Home > Search > "Cozido à portuguesa"

Search Results

Filter by Category Tags Rating Ingredients Date Duration Difficulty Sort by Relevance Descendant

153 results for "Cozido à portuguesa"

Recipes



Cozido à tuga
4.6 ★★★★★ | 563 reviews
by Zé Manel Padeiro



Cozido português
4.6 ★★★★★ | 563 reviews
by Zé da Torre



Cozido à portuguesa
4.6 ★★★★★ | 563 reviews
by Festival dos Sabores



Cozido à tuguinha
4.6 ★★★★★ | 563 reviews
by Mulher Portuguesa

Page 1 of 12 »

Groups



Amantes de Leitões
237 recipes
57 members



Porto Vegans
237 recipes
57 members



Fitness Life
237 recipes
57 members



Restaurante Nacional
237 recipes
57 members

Page 1 of 12 »

People



Zé Torres
4.6 ★★★★★ | 13 recipes



Chef Manel
4.6 ★★★★★ | 13 recipes



Chef Zé
4.6 ★★★★★ | 13 recipes



Chef Carlos
4.6 ★★★★★ | 13 recipes

Page 1 of 12 »

Categories



Vegetarian
237 recipes



Breakfast
237 recipes



Dessert
237 recipes



Drinks
237 recipes

Page 1 of 12 »

About | FAQ | Admin

TasteBuds © 2021

People



Zé Torres
4.6 ★★★★★ | 13 recipes



Chef Manel
4.6 ★★★★★ | 13 recipes



Chef Carlos
4.6 ★★★★★ | 13 recipes

Desktop

Chef Zé
4.5 ★★★★ (13 recipes)

Chef Carlos
4.6 ★★★★ (13 recipes)

« Page 1 of 12 »

Categories

- Vegetarian 237 recipes
- Breakfast 237 recipes
- Dessert 237 recipes
- Drinks 237 recipes

« Page 1 of 12 »

About | FAQ | Admin
TasteBuds © 2021

Figure 19: Search Results page is where results for searches are presented. It includes recipes, users, groups, and categories.

UI16: Group**Desktop****Mobile**

TasteBuds

Home > Groups
> Vegetarianos do Porto

Vegetarianos do Porto

Este grupo foi criado para partilharmos receitas tradicionais e conversar sobre tópicos comuns aos vegetarianos. O grupo foi criado para partilharmos receitas tradicionais e conversar sobre tópicos comuns aos vegetarianos do Porto

The screenshot displays the 'Vegetarianos do Porto' group page on the TasteBuds platform. At the top, there's a search bar and user profile icons for Jamie Oliver. To the right, there are statistics for the group: 1213 Recipes and 102 Members. Below this, a banner image of a salad is shown, followed by the group's name and a brief description.

Members: Shows a grid of member profiles. A button '+ See all members' is available.

Member Requests: Shows two pending requests: 'John Fisher wants to join the group' and 'Scott Carried wants to join the group'. Buttons for accepting or declining are next to each request.

Post Recipe to Group: A green button for posting a new recipe.

Recipe Posts:

- Classic Tiramisu:** Posted by Jamie Oliver on 11 September, 2020. It's a dessert made with ladyfingers and mascarpone cheese. It has a rating of 4.6 stars and 563 reviews. Tags: Dessert, Vegetarian, Low carb.
- Classic Double Crust Blueberry Pie:** Posted by Jay Gatsby on 2 September, 2021. It's a dessert made with blueberries and cinnamon-spiced pie crust. It has a rating of 4.6 stars and 563 reviews. Tags: Dessert, Low Carb.

Load More: Buttons for navigating through more content.

Mobile View: On the right side of the screenshot, a mobile phone icon indicates how the desktop content would appear on a mobile device. The mobile view shows the same basic structure but with smaller components and a different layout.

Figure 20: Group page is where groups between users are formed and all the posts related to them are presented.

UI17: Category

Desktop

Mobile

Desktop

The desktop version of the TasteBuds category page for Vegetarian recipes. At the top, there's a navigation bar with the TasteBuds logo, a search bar, and user profile information for Jamie Oliver. Below the header, the category is set to 'Vegetarian'. A sidebar on the left contains filtering options like 'Filter by Tags', 'Rating', 'Ingredients', 'Date', 'Duration', and 'Difficulty', along with a 'Sort by' dropdown. The main content area displays two recipe cards: 'Classic Tiramisu' and 'Churro Waffles'. Each card includes a thumbnail image, the recipe name, a brief description, a star rating (4.6 stars), and a review count (563 reviews). Below each card are buttons for 'Add to Favourites', 'View Recipe', and 'Share'. A 'Load More' button is located at the bottom of the main content area.

Mobile

The mobile version of the TasteBuds category page for Vegetarian recipes. The layout is similar to the desktop version, featuring the TasteBuds logo and user profile at the top. The 'Vegetarian' category is selected. On the right side, there are two recipe cards: 'Classic Tiramisu' and 'Churro Waffles'. Each card has a thumbnail, the recipe name, a brief description, a star rating (4.6 stars), and a review count (563 reviews). Below each card are buttons for 'Dessert', 'Vegetarian', and 'Low carb'. The right sidebar shows 'Trending Categories' (Vegetarian, Low carb, Keto diet, Vegan, Traditional Portuguese, Italian, Ice Cream) and 'Trending Recipes' (Cozido à Portuguesa, Panko Parmesan Salmon, Grandma Elaine's Unstuffed Sweet and Sour Cabbage, Easy Homemade Pizza Dough, Chicken, Asparagus, and Mushroom Skillet, Almond Ricotta Cake). A 'Load More' button is located at the bottom right. The footer contains links for 'About', 'FAQ', and 'Admin', and the copyright notice 'TasteBuds © 2021'.

Figure 21: Category page is where recipes from a specific category are presented.

UI18: Feed**Desktop**

The desktop version of the TasteBuds feed page. It features a header with the TasteBuds logo and a search bar. The main content area displays a grid of recipe cards, each with a thumbnail, the recipe name, and a brief description. The cards include 'Classic Tiramisu', 'Churro Waffles', 'Cozido à Portuguesa', 'Panko Parmesan Salmon', 'Grandma Elaine's Unstuffed Sweet and Sour Cabbage', 'Easy Homemade Pizza Dough', 'Chicken, Asparagus, and Mushroom Skillet', and 'Almond Ricotta Cake'. Each card has a 'View Recipe' button. A 'Load More' button is located at the bottom right. The footer contains links for 'About', 'FAQ', and 'Admin', and the copyright notice 'TasteBuds © 2021'.

Mobile

The mobile version of the TasteBuds feed page. The layout is similar to the desktop version, with the TasteBuds logo and search bar at the top. The main content area displays a grid of recipe cards, including 'Classic Tiramisu', 'Churro Waffles', 'Cozido à Portuguesa', 'Panko Parmesan Salmon', 'Grandma Elaine's Unstuffed Sweet and Sour Cabbage', 'Easy Homemade Pizza Dough', 'Chicken, Asparagus, and Mushroom Skillet', and 'Almond Ricotta Cake'. Each card has a 'View Recipe' button. A 'Load More' button is located at the bottom right. The footer contains links for 'About', 'FAQ', and 'Admin', and the copyright notice 'TasteBuds © 2021'.

TasteBuds

Feed

Filter by Category Tags Rating Ingredients Date Duration Difficulty + Create Recipe Sort by Relevance Descendant

Search

Jamie Oliver

+ Load More

Trending Categories

- Vegetarian
- Low carb
- Keto diet
- Vegan
- Traditional Portuguese
- Italian
- Ice Cream

Trending Recipes

- Cocido à Portuguesa
- Panko Parmesan Salmon
- Grandma Elaine's Unstuffed Sweet and Sour Cabbage
- Easy Homemade Pizza Dough
- Chicken, Asparagus, and Mushroom Skillet
- Almond Ricotta Cake

Classic Tiramisu

Classic Italian dessert made with ladyfingers and mascarpone cheese. It can be made in a trifle bowl or a springform pan.

4.6 ★★★★★ | 563 reviews

Dessert Vegetarian Low carb

Add to Favourites View Recipe Share

Ellie Costa wrote a review

11 September, 2020

Rating: ★★★★★

I cooked it and it was awesome. Although I don't think you'll get the same results (do you really think you are at my level?), I think you should try it!

Classic Tiramisu

4.6 ★★★★★ | 563 reviews

View Recipe Share

Jay Gatsby

5 September, 2021

Traditional Irish Stew

Pure comfort food for a chilly day for the slow cooker! A little prep time needed up front. Don't be fooled by how much onion and garlic is used. It's honestly not too much! Cheers!

4.6 ★★★★★ | 563 reviews

Main Dish Meat Lovers

Add to Favourites View Recipe Share

Jay Gatsby

2 September, 2021

Traditional Irish Stew

Pure comfort food for a chilly day for the slow cooker! A little prep time needed up front. Don't be fooled by how much onion and garlic is used. It's honestly not too much! Cheers!

4.6 ★★★★★ | 563 reviews

Main Dish Meat Lovers

Add to Favourites View Recipe Share

Jay Gatsby

2 September, 2021

Classic Double Crust Blueberry Pie

Fresh blueberries are some of the best treasures of summer, and a flavorful cinnamon-spiced blueberry pie will be welcomed by your family and guests. Besides being a delicious fruit, blueberries are called a superfood due to their beneficial nutrients and antioxidants.

4.6 ★★★★★ | 563 reviews

Dessert Low Carb

Add to Favourites View Recipe Share

Jay Gatsby

2 September, 2021

Classic Double Crust Blueberry Pie

Fresh blueberries are some of the best treasures of summer, and a flavorful cinnamon-spiced blueberry pie will be welcomed by your family and guests. Besides being a delicious fruit,... blueberries are called a

4.6 ★★★★★ | 563 reviews

Dessert Low Carb

Add to Favourites View Recipe Share

Trending Categories

- Vegetarian
- Low carb
- Keto diet
- Vegan
- Traditional Portuguese
- Italian
- Ice Cream

Desktop

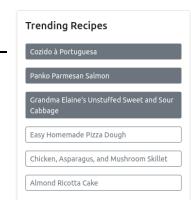


Figure 22: Feed page is where user's recipes are presented.

UI19: Insert/Update Recipe - Information

Desktop

The desktop version of the edit recipe page for "Classic Tiramisu". It features a three-step navigation bar at the top. Step 1: "Edit Recipe". Step 2: "Recipe Information". Step 3: "Next". The "Recipe Information" section contains fields for Recipe title (Classic Tiramisu), Main category (Dessert), Description (Classic Italian dessert made with ladyfingers and mascarpone cheese. It can be made in a trifle bowl or a springform pan.), Tags (Low carb, Vegetarian), Difficulty (Medium), Number of servings (3), and End Product Photos (Browse... No file selected.). Below this is a Visibility section with Public selected. At the bottom right is a "Next" button.

Mobile

The mobile version of the edit recipe page for "Classic Tiramisu". It follows a similar three-step navigation structure. Step 1: "Edit Recipe". Step 2: "Recipe Information". Step 3: "Next". The "Recipe Information" section includes fields for Recipe title (Classic Tiramisu), Main category (Dessert), Description (Classic Italian dessert made with ladyfingers and mascarpone cheese. It can be), Tags (Low carb, Vegetarian), Difficulty (Medium), Number of servings (3), and End Product Photos (Browse... No file selected.). Below is a Visibility section with Public selected. At the bottom right is a "Next" button.

Figure 23: "Upsert" recipe page is where user's recipes are created/updated (information).

UI20: Insert/Update Recipe - Ingredients

Desktop

Mobile

Desktop**Mobile**

Desktop View:

- Header:** TasteBuds logo, Search bar, Jamie Oliver profile.
- Breadcrumbs:** Home > Recipes > Desserts > ClassicTiramisu > Edit Recipe.
- Section:** Edit Recipe.
- Flow Diagram:** A horizontal line with three green circles labeled 1, 2, and 3. Circle 1 is under 'Information', circle 2 is under 'Ingredients', and circle 3 is under 'Next'.
- Ingredients Section:**

Quantity	Unit	Name
6	-	egg yolks
1.25	cup(s)	white sugar
1.25	cup(s)	mascarpone cheese
1.75	cup(s)	heavy whipping cream
0.33	cup(s)	coffee flavored liqueur
12	ounce(s)	ladyfingers
1	teaspoon(s)	unsweetened cocoa powder
1	ounce(s)	square semisweet chocolate
- Buttons:** +Add Ingredient, Next.
- Footer:** About | FAQ | Admin, TasteBuds © 2021.

Mobile View:

- Header:** TasteBuds logo, search icon, menu icon.
- Breadcrumbs:** Home > Recipes > Desserts > ClassicTiramisu > Edit Recipe.
- Section:** Edit Recipe.
- Flow Diagram:** A horizontal line with three green circles labeled 1, 2, and 3. Circle 1 is under 'Information', circle 2 is under 'Ingredients', and circle 3 is under 'Next'.
- Ingredients Section:** (Same data as Desktop)
- Buttons:** +Add Ingredient, Next.
- Footer:** About | FAQ | Admin, TasteBuds © 2021.

Figure 24: "Upsert" recipe page is where user's recipes are created/updated (ingredients).

UI21: Insert/Update Recipe - Method

Desktop**Mobile**

Desktop

Create Recipe

Information Ingredients Method

Method

Duration (in minutes)

Preparation * Cooking * Additional

Steps

Step 1

Step Name *

Step Description *

Step Photos

Browse... No file selected.

+ Add Step Create Recipe

Mobile

Create Recipe

Information Ingredients Method

Method

Duration (in minutes)

Preparation * Cooking * Additional

Steps

Step 1

Step Name *

Step Description *

Step Photos

Browse... No file... ected.

+ Add Step Create Recipe

Figure 25: "Upsert" recipe page is where user's recipes are created/updated (method).

UI22: Recipe**Desktop****Mobile**

Classic Tiramisu

34 ratings ★★★★★

by Jamie Oliver

Classic Italian dessert made with ladyfingers and mascarpone cheese. It can be made in a trifle bowl or a springform pan.

Difficulty: medium

Tags: Dessert, Low carb, Vegetarian

Duration

Preparation 45 mins
Cooking 15 mins
Additional -

Yields

3 servings

Energy

579 cal
Sugars 52.7 g
Fat 39.6 g

Ingredients

6	egg yolks
1.25 cups	white sugar
1.25 cups	mascarpone cheese
1.75 cups	heavy whipping cream
0.33 cup	coffee flavored liqueur

TasteBuds

Search

Jamie Oliver

12 ounce ladyfingers
1 teaspoon unsweetened cocoa powder
1 ounce square semisweet chocolate

[Home > Recipes > Desserts > Classic Tiramisu](#)

Classic Tiramisu

34 ratings

by Jamie Oliver

Classic Italian dessert made with ladyfingers and mascarpone cheese. It can be made in a trifle bowl or a springform pan.

Difficulty: medium

Tags: Dessert, Low carb, Vegetarian

[Edit Recipe](#)
[Print](#)
[Share](#)
[Favorite](#)

Ingredients

6	egg yolks
1.25 cups	white sugar
1.25 cups	mascarpone cheese
1.75 cups	heavy whipping cream
0.33 cup	coffee flavored liqueur
12 ounce	ladyfingers
1 teaspoon	unsweetened cocoa powder
1 ounce	square semisweet chocolate

Method

1. Step 1
Combine egg yolks and sugar in the top of a double boiler, over boiling water. Reduce heat to low, and cook for about 10 minutes, stirring constantly. Remove from heat and whip yolks until thick and lemon colored.

2. Step 2
Add mascarpone to whipped yolks. Beat until combined. In a separate bowl, whip cream to stiff peaks. Gently fold into yolk mixture and set aside.

3. Step 3
Split the lady fingers in half, and line the bottom and sides of a large glass bowl. Brush with coffee liqueur. Spoon half of the cream filling over the lady fingers. Repeat ladyfingers, coffee liqueur and filling layers. Garnish with cocoa and chocolate curls. Refrigerate several hours or overnight.

4. Step 4
To make the chocolate curls, use a vegetable peeler and run it down the edge of the chocolate bar.

Suggested

Basic Brown Sugar Meringue
4.6 ★★★★★ | 563 reviews by Emma Watson

Classic Double Crust Blueberry Pie
4.6 ★★★★★ | 563 reviews by Jay Gatsby

Traditional Irish Stew
4.6 ★★★★★ | 563 reviews by Jay Gatsby

Cozido à portuguesa
4.6 ★★★★★ | 563 reviews by Jamie Oliver

Comments

The Master Critic of Foods reviewed:
Needs more salt!
Edited 3 mins ago

High Cholesterol Man commented:
I think it has more salt than needed.
2 hours ago

The Master Critic of Foods commented:
How dare you question the Master Critic! I know better!
now

The Food Lover commented:
I loved it!
5 days ago

Your comment

Method

1. Step 1
Combine egg yolks and sugar in the top of a double boiler, over boiling water. Reduce heat to low, and cook for about 10 minutes, stirring constantly. Remove from heat and whip yolks until thick and lemon colored.

2. Step 2
Add mascarpone to whipped yolks. Beat until combined. In a separate bowl, whip cream to stiff peaks. Gently fold into yolk mixture and set aside.

3. Step 3
Split the lady fingers in half, and line the bottom and sides of a large glass bowl. Brush with coffee liqueur. Spoon half of the cream filling over the lady fingers. Repeat ladyfingers, coffee liqueur and filling layers. Garnish with cocoa and chocolate curls. Refrigerate several hours or overnight.

4. Step 4
To make the chocolate curls, use a vegetable peeler and run it down the edge of the chocolate bar.

Suggested

Basic Brown Sugar Meringue
4.6 ★★★★★ | 563 reviews by Emma Watson

Classic Double Crust Blueberry Pie
4.6 ★★★★★ | 563 reviews by Jay Gatsby

Traditional Irish Stew
4.6 ★★★★★ | 563 reviews by Jay Gatsby

Cozido à portuguesa
4.6 ★★★★★ | 563 reviews by Jamie Oliver

Comments

The Master Critic of Foods reviewed:
Needs more salt!
Edited 3 mins ago

High Cholesterol Man commented:
I think it has more salt than needed.
2 hours ago

The Master Critic of Foods commented:
How dare you question the Master Critic! I know better!
now

The Food Lover commented:
I loved it!
5 days ago

Your comment

Desktop



About | FAQ | Admin
TasteBuds © 2021

Figure 26: Recipe page is where specific information regarding a recipe is presented.

UI23: Create Group

Desktop

Home > Profiles > Jamie Oliver's Profile > Create Group

Create Group

Profile Photo *

Cover Photo

Group Name *

Group Description *

Profile Visibility *

Public

Private

Submit

Mobile

Home > Profiles > Jamie Oliver's Profile > Create Group

Create Group

Profile Photo *

Cover Photo

Group Name *

Group Description *

Profile Visibility *

Public

Private

Submit

Figure 27: Create group page is where groups made by people with common tastes are created.

UI24: Edit Group

Desktop

Mobile

Desktop

Edit Group

Profile Photo * 

Cover Photo 

Group Name *

Group Description *

Profile Visibility * Public Private

Submit **Delete Group**

Mobile

Edit Group

Profile Photo * 

Cover Photo 

Group Name *

Group Description *

Profile Visibility * Public Private

Submit **Delete Group**

Figure 28: [Edit group page](#) is where a given group's information can be changed.

Revision history

No changes made so far.

GROUP2135, 15/03/2021

Alexandre Abreu, up201800168@fe.up.pt

Rafael Cristino, up201806680@fe.up.pt (Editor)

Rui Pinto, up201806441@fe.up.pt

Tiago Gomes, up201806658@fe.up.pt