WhereAbout Home

Functional analysis

Target release	v3.0
Document date	26 Dec 2019
Document status	DRAFT
Document owner	†Bart De Baere

Product description

WhereAbout Social is, as the name implies, a social networking application where meeting friends and discovering new places has never been easier. With the app you can meet new people or discover new hotspots in no time. Your social life will be boosted, you will benefit from attractive tailor-made promotions and you will discover countless new locations.

Product specifications

Mobile Application

The existing mobile application must be reworked so that it is in line with the new product vision in which the experience of a (catering) business is central. To make this vision clearer, some existing features will disappear from the app or will be developed in a different way.

GENERAL

App Orientations	Portrait only
Offline mode	new
Tablet	new

SUPPORTED PLATFORMS

THE FOLLOWING PLATFORMS WILL BE SUPPORTED:

- iOS 11
- Android 5.0

The application will be available in the following languages:

- Dutch
- English

Content Management System

To manage the content of the mobile application, a content management system (CMS) is required. This CMS then allows the administrator of the application to, among other things, create new hotspots and give the owners specific access to manage their content.

Migration

Because this concerns an existing application that will be completely reworked, including the backend, a migration must be provided to convert all existing hotspots and users to the new system.

Roll

We therefore distinguish the following user roles in the application:

- Admin application
- Business owner User
-

High Level Requirements

†	Feature
1	Onboarding screens that give the user more information about what the app does exactly.
2	In order to use the application, a new user must first register
3	To use the application, a user must register via email
4	In order to use the application, the user must first agree to the terms and conditions
5	As a new user I get a welcome email where I have the option to block this account
6	As a user I want an overview of all my friends near me
7	As a user I want an overview of all hotspots to discover in my area
8	As a user I want an overview of all my friends' posts
9	As a user I want an overview of all my friends' posts
10	As a user I want to meet new people near me
11	As a user, I want an overview of featured hotspots near me
12	As a user I want an overview of places recommended by my friends
13	As a user I want to be able to share a post with others (create post)
14	As a user I want to be able to comment on a post
15	As a user I want to like or dislike a post
16	~~As a user I want to be able to add a post to my favorites~~
17	As a user I want to be able to report a post
18	As a user I want to consult the detail of another user that I have not yet connected with
19	As a user I want to be able to consult the detail of a friend/connection

20	As a user I want to be able to look up another user
21	As a user I want to be able to connect with another user
22	As a user I want to be able to invite one or more contacts to also use the app
23	As a user I want to be able to block someone from contacting me
24	As a user I want to be able to hide my activities from another user
25	As a user, I want to be able to report someone to report inappropriate behavior
26	As a user I can accept or decline a connection request
27	As a user, I want to consult more information about a place
28	As a user I want to add a place to my favorites
29	As a user I want to share a place with my friends
30	As a user I want to know what my friends think of this place
31	As a user I want to write a recommendation to share my experience and earn points
32	***As a user I want to be able to like or dislike a place***
33	As a user I immediately see if this place is one of my favorite places
34	As a user I can see all my notifications
35	Notifications already read are displayed differently than unread notifications
36	By pressing a notification on my post, conversation or profile
37	As a user I see a badge with the number of unread messages on the app icon
38	As a user I want to be able to send messages to one or more friends
39	As a user I want to be able to share a place with one or more friends
40	As a user I want to be able to manage my notification settings per conversation
41	As a user, I can immediately consult a shared place
42	As a user I want to receive a push notification when I get a new message
43	As a user I want to see which of my contacts are online
44	As a user I can create a post to recommend a place
45	As a user I can consult and manage my own profile
46	As a user I can consult my most recent activity
47	As a user I get an overview of my favorites
48	As a user I get an overview of my friends
49	As a user I get an overview of the badges I have earned
50	As a user I can manage my notification settings
51	As a user I can make my profile private
52	As a user I can manage my friends (block, unblock)
53	As a user, I can hide my activity from specific people
54	As a user I can consult my points history
55	As a user, I can scan another user's unique WhereAbout QR code to easily connect

56	As a user I can generate my unique WhereAbout QR code so that it can be scanned by another user
57	As a user I can unsubscribe
58	As a user, I can redeem my WhereAbout points at a participating business
59	As a business user I can receive WhereAbout points in exchange for a certain promotion or promotion
60	The administrator must be able to create and manage a new room
61	The administrator must be able to add a business manager to a restaurant (grant access)
62	The administrator must be able to find and delete a user
63	The administrator must be able to prepare the content of a room without it already appearing in the app
64	The administrator must be able to (temporarily) remove a case from the app
65	*A business manager must be able to manage his business*
66	***A business manager must be able to invite an employee and give access to the app***

Product Requirements

Add product requirement

Title	designer	Document owner	Document status	epic	QA	Target release	Tech lead
WhereAbout Social - Message Center	†Jens De Wi tte	†Bart De Ba honor	DRAFT			v3.0	
WhereAbout Social - Business Profile	†Jens De Wi tte	†Bart De Ba honor	DRAFT			v3.0	
WhereAbout Social - User Profile	†Jens De Wi tte	†Bart De Ba honor	DRAFT			v3.0	
WhereAbout Social - Create Post	†Jens De Wi tte	†Bart De Ba honor	DRAFT			v3.0	
WhereAbout Social - Conversations	†Jens De Wi tte	†Bart De Ba honor	DRAFT			v3.0	
WhereAbout Social - Places	†Jens De Wi tte	†Bart De Ba honor	DRAFT			v3.0	
WhereAbout Social - People	†Jens De Wi tte	†Bart De Ba honor	DRAFT			v3.0	
WhereAbout Social - Feed	†Jens De Wi tte	†Bart De Ba honor	DRAFT			v3.0	
WhereAbout Social - Onboarding & Registration	†Jens De Wi tte	†Bart De Ba honor	DRAFT			v3.0	
WhereAbout Social - CMS	†Jens De Wi tte	†Bart De Ba honor	DRAFT			v3.0	

Assumptions

Out of scope

WhereAbout Social - Onboarding & Registration

Target release	v3.0

epic	
Document status	DRAFT
Document owner	†Bart De Baere
designer	†Jens De Witte
Tech lead	
QA	

Lenses

- Onboarding screens that give the user more information about what the app does. To use
- the application, a new user must register first. To use the application, a user must register
- by email
- In order to use the application, the user must first agree to the terms and conditions. As a new user, I receive a
- welcome email where I have the option to block this account

ONBOARDING

The onboarding screens give the user more information about what the app does exactly. These screens are shown at startup (after installing the app) or when the user is logged out and the app restarts.
In some steps the user is immediately asked to give the necessary permissions eg. notification and location permissions. If the user does not give these permissions, he will not be able to use certain functionalities in the app.
It is always possible to give these permissions via the settings of the device (manual action by the user). After going through the info screens, the user must log in.

SIGN UP

A user must first log in with an e-mail address before he can access the application. After entering his e-mail address, the user will receive an e-mail containing a link to block this account.
This e-mail ensures that when a user uses an e-mail address of someone else that the owner in question can block this account.

If the e-mail address is already linked to an existing user, this user will no longer have to complete his user profile; if it concerns a new user and/or the user's profile is not yet complete, the user must first (further) complete this.
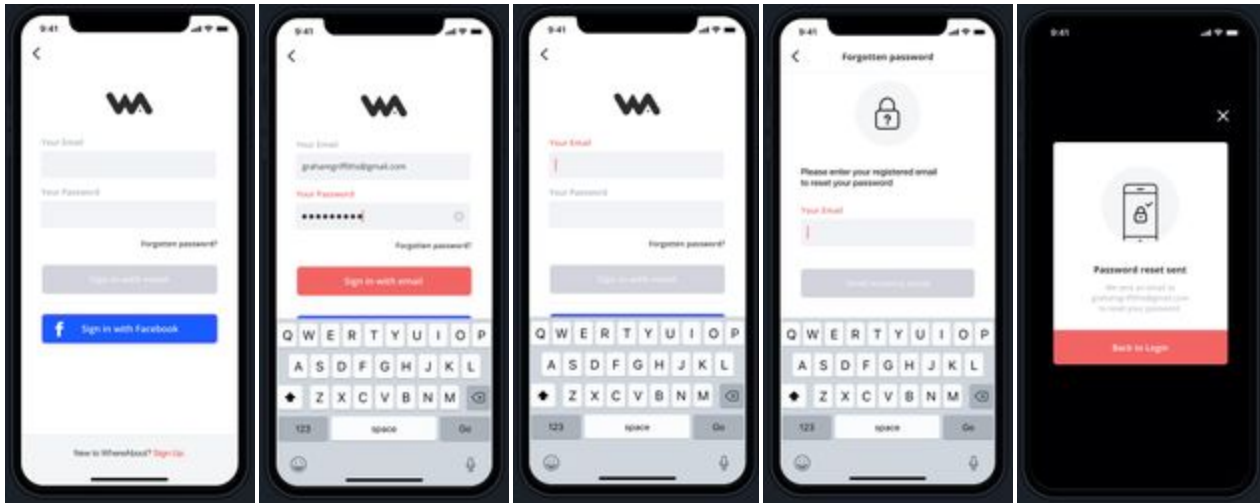
REGISTRATION

In this step the user has to create his account and fill in his personal details. The registration consists of:

- profile picture (optional)
- email address
- personal password
- Name and surname
- Date of birth
- Sex

Because the personal data of the user is kept, the user must first have taken note of the privacy policy and explicitly agree to the general terms and conditions before he is effectively registered.
What's more, if the user is younger than 16, he or she must first indicate that he or she has parental permission to use the app.

As long as the user does not go through and/or does not accept the previous steps, no user account will be created.

Clicking on either link, privacy and/or terms and conditions, opens the applicable page in the language of the device.

Assumptions

Out of scope

User Stories

User interaction and design

Open Questions

Ask	Answer / Decision
At some steps, the user is also immediately asked to give the necessary permissions? eg. notification and location permissions.	At the onboarding. For that reason, show onboarding again after logging out.
After authentication, the user can access the app? User could also be logged in directly (without verification). and, for example, can earn extra points by verifying whether certain functionalities are only available after verification.	User receives a BLOCK mail instead of a verification mail.
Need username?	New.

WhereAbout Social - Feed

Target release	v3.0
epic	
Document status	**DRAFT**
Document owner	†Bart De Baere
designer	†Jens De Witte
Tech lead	
QA	

Lenses

- As a user I want an overview of all my friends near me
- As a user I want an overview of all the hotspots to be discovered in my area As a
- user I want an overview of all posts of my friends
- As a user I want to meet new people near me
- As a user, I want an overview of featured hotspots near me
- As a user I want an overview of places recommended by my friends As a user I want to be able
- to share a post with others (create post)
- As a user I want to be able to comment on a post As a user I
- want to like or dislike a post
- As a user I want to be able to add a post to my favorites As a user I want
- to be able to report a post

The feed tab is the landing page of the application. The feed itself consists of various parts that are aimed at informing the user what is immediately available in his area or what his friends are doing.
The idea is that the feed is interspersed with public posts and other content so that the user can continue to discover (people or business).

Create post

A user can also immediately create a new post via this tab. This is further described in the create post chapter. Once created, this post will appear at the top of the feed.

Notifications

A user can already consult all messages via this tab. This is further described in the Message Center chapter.

meet friends

At the top of the feed tab, the user will find a scrollable list of friends closest to them. This allows the user to immediately decide to meet.

This list is based on the last known location from these friends. The "view all" functionality allows the user to consult and look up the complete list of his friends.
Pressing a friend's avatar opens the person detail so that the user can immediately contact or see what his friend is up to.

This is further described in the people chapter.

discover

Just below the list of friends, the user gets a scrollable list of things closest to him. This allows the user to immediately decide whether he wants to discover it.
This list is based on the user's current location relative to the case's location (as the crow flies). The "view all" functionality allows the user to consult and look up the complete list of items (see below).
The number in the photo shows the number of positive posts users have already made about that location t
By pressing the avatar of the case, the detail of this case opens so that the user can immediately consult more information about this case.

This is further described in the places chapter.

feed

In the feed section, the user can find the most recent posts from himself or his friends. The idea is that the feed alternates with other content so that the user can continue to discover (people or business).
The user can also keep scrolling indefinitely, which means that they go further and further back in time (older posts). The contents of these posts are linked to an existing case (location).
The user immediately has the option to 'like', 'dislike' or add to his favorites ('love') and/or leave a comment.

Post

The most recent posts appear at the top of the feed. A post is a recommendation from a connection or from a person whose profile is public. A post is always linked to a user and to a case that participates in WhereAbout. A post consists of a "review" of that user and 1 or more photos.

The distance is the bird's-eye view of the user's current location from the case in the post.

The user immediately has the option to 'like', 'dislike' or add to his favorites ('love') and/or leave a comment on this post.

By pressing like or dislike, the counter of that option on the post goes up. By pressing favorite the case linked to the post will be added to the user's favorites list.

Latest Posts

Maria José Botín
2 minutes ago

• • •

Bob's Burgers
88km • Restaurant

Friendly staff which make your stay worthwile, I've never seen such a welcoming space. The burgers were over-dressed like real commercial ads... Read More

👍 3 Helpful   💬 1 Comment

Meet People

To allow users to connect with nearby people they don't know (yet), the "meet people" section will present a scrollable list of people who are close to them.
This list is based on the last known location of these individuals. So these are people who <u>no</u> friend, as they are already included in the "meet friends" list at the top of the feed.
This list contains both public and private profiles. Via the "view all" functionality, the user can consult and look up the complete list of people (see chapter **people**†

Meet People   View all >

| Valerie | Jean | Luc | Ahmad | Thalia |
| 1km | 2km | 2km | 4km | 5km |

Recommended by friends

The recommended by friends section is a scrollable list of your connections' most popular things. In order to emphasize new places (to be discovered), own favorites are excluded from this list.
When a friend makes a positive post about a certain place, it will appear in this list.
This can be completely arbitrary or additionally it can be sorted by distance: your current location in relation to the place that is recommended.

Recommended places by friends

Five guys
100m · Bar

Bar Barcelon..
2km · Bar

Five guys
2km · Bar

F
2

Featured places

The featured places is, as the name implies, a section of featured places sorted by distance.
This list is based on the user's current location relative to the case's location (as the crow flies).
How these are selected is still to be determined, but initially they could be marked as such in the database (via the CMS).

Featured Places

Kompass Club
2km · Bar

Kompass Club
2km · Bar

K
2

Assumptions

Out of scope

- Sharing someone else's post on your own feed Check-in
- functionality in a case / location

User Stories

User interaction and design

Open Questions

Ask	Answer / Decision
Is "love" the same as add to favorites?	Love is add to favorites

The number in the photo shows the number of posts that a particular business already has? To know how many people are on site you need a "check-in" functionality	The grade is positive posts (or not) from friends. There is no check-in functionality
Can the "meet people" also show people whose profile is private?	Yes. Clicking on these people will then show the private profile.
How are featured places determined? ■ Based on number of recommendations in the last x ■ time? Based on addition? ■ Via the CMS system eg. admin turn on the featured flag?	Via the CMS system eg. admin turns on the featured flag (ads).

WhereAbout Social - People

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epic	
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Lenses

- As a user I want to be able to consult the detail of another user with whom I have not yet connected As a user I want
- to be able to consult the detail of a friend/connection
- As a user I want to be able to look up another user
- As a user I want to be able to connect with another user
- As a user I want to be able to invite one or more contacts to also use the app As a user I want to be able to
- block someone so that they can no longer contact me
- As a user I want to be able to hide my activities from another user As a user I want to
- be able to report someone to report inappropriate behavior As a user I can accept or
- decline a connection request

PEOPLE

The people functionality ensures that you can quickly request an overview of people you already have a connection with, eg. "friends", but also all other users of the app.
This functionality can be called up in various ways (see chapter feed). Based on where in the application the user has called up this page, the "Friends" view or the "All" view will already be displayed.
It is possible to look up people in both lists based on their surname and first name. Regardless of whether they have set their profile to private or public.
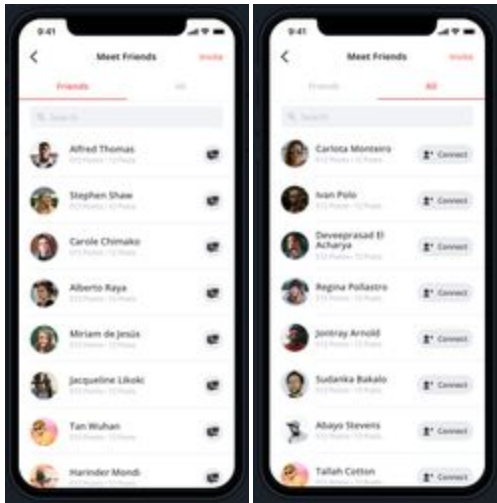
Search

It is possible to search for users. On the basis of name and/or first name you will see the matching users.
The list of users consists of both private and public users. What you see when you click on this user differs between a private or public profile (see below).
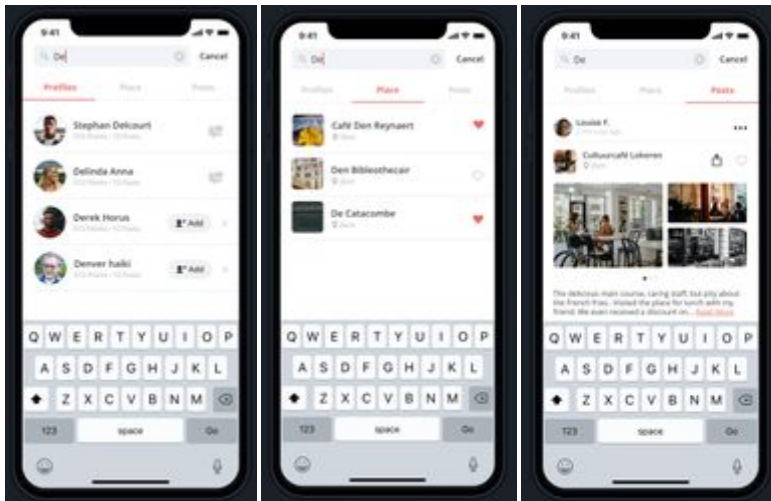
invite

Via the invite functionality it is always possible to invite people from your personal contact list to the app. These will then receive a unique link via a message (magic link).
When the contact opens this unique link on their smartphone, and they already have the app installed, the WhereAbout app will open and ask the user if he wants to accept the connection request.
If they click on this link without already having the app, these users will first be redirected to the correct store (App Store or Google Play).

After successfully installing the app, this connection request will appear in the app. This means that the user still has to accept the connection request.

It is possible to invite one or more contacts at the same time.
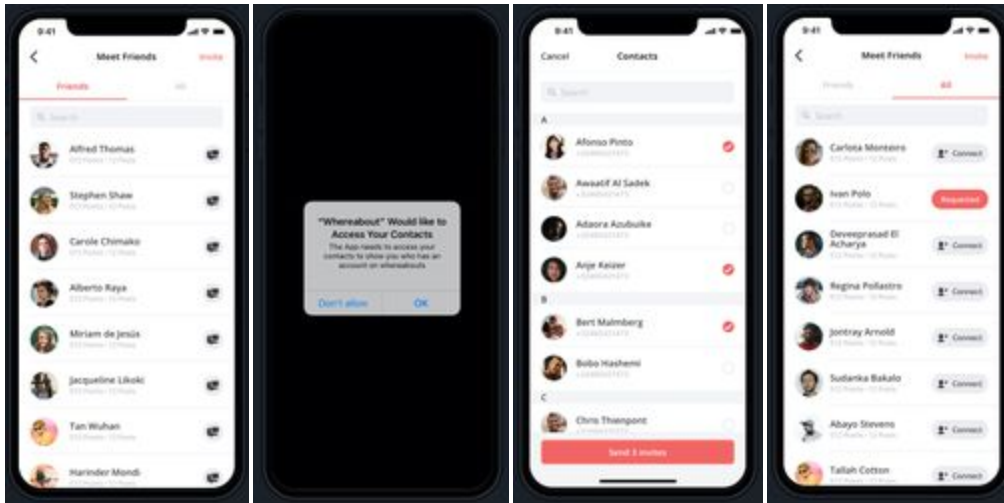
WHEN A USER CONSULTS FROM SOMEONE'S PROFILE, WHAT THEY GET OR VIEW THERE IS HIGHLY DEPENDING ON:

- whether this person is already a connection
- whether this person's profile is public or private
- whether this person has not already blocked the user

Make a connection

If this person is not yet a connection, the user will be given the option to make a connection with this person (connect). This will then send a connection request to the other user.
This message will then be sent as a push notification and immediately appear in the message center (see message center chapter). Once the other user has accepted this connection, they are "friends". If you refuse, nothing happens.
If this person was already blocked, the user can unblock them again.

When the user views the connection request, it would be a good idea to indicate the number of common connections.

Profile

When a user has set his profile as public, or when this user is a connection, other users can view the full profile of this user.
This then consists of:

- Avatar
- Earned badges
- First and last name

- Short bio
- Distance from yourself to this person's last known location
- This person's most recent post (and possibly additional posts) Favorite
- things
- (Common friends

With a private or blocked profile, the information you see as a user is limited to the avatar and the name of the user.
An empty state is shown to the user to clarify why the personal information is not visible.

Optionally, it could be stated how many common connections there are with this user. This can stimulate the decision to connect.
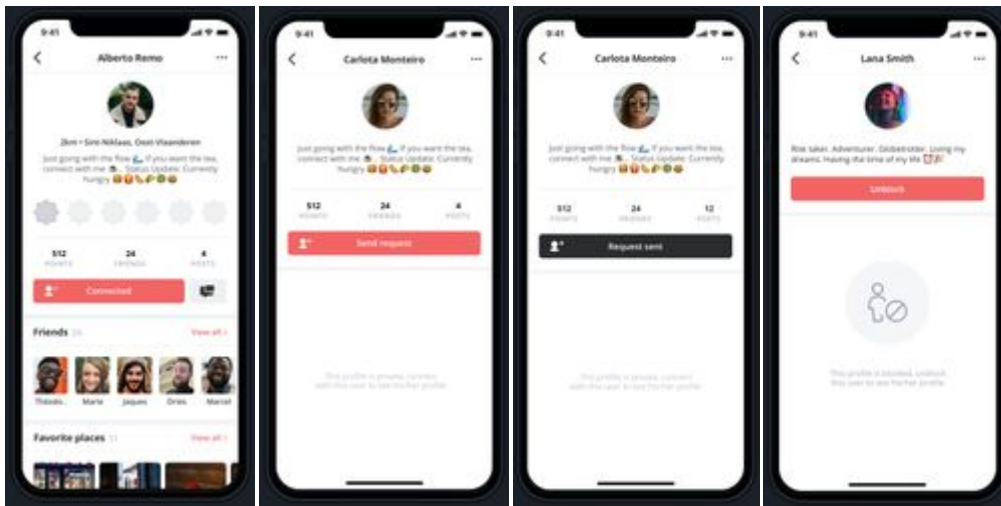
When you have a connection with another user, the chat functionality becomes available. This is further described in the conversations chapter.

Assumptions

Out of scope

- It is not visible whether this person is online

User Stories

User interaction and design

Open Questions

Ask	Answer / Decision
Is the search based on name and first name? User name? Is the result sorted by distance or by relations (circle of acquaintances)?	Username is no longer an issue. Search works on the basis of first and last name. Optionally, these results can be sorted by last known distance.
The private profile also shows the first name?	Yes. First and last name.
Elaborate connection request flow	

WhereAbout Social - Places

Target release	v3.0
epic	
Document status	DRAFT

Document owner	†Bart De Baere
designer	†Jens De Witte
Tech lead	
QA	

Lenses

- As a user I want to consult more information about a place As a
- user I want to add a place to my favorites As a user I want to share a
- place with my friends
- As a user I want to know what my friends think of this place
- As a user I want to write a recommendation to share my experience and earn points **As a user I want**
- **to be able to like or dislike a place**
- As a user I immediately see if this place is one of my favorite places

PLACES

The detail of a place or location shows more information about a(catering) business:

- A picture
- Name
- Short description
- *Address*
- *Opening hours*
- Additional information and what you get in exchange for your points

The user immediately has the option to 'like', 'dislike' or add to their favorites.
The most recent (public) posts of this business appear at the bottom of the screen, so not only from friends.

Share with friends

The user can also immediately share this place with one or more of his WhereAbout contacts or groups.
The indicated contacts receive a standard message with a link to the given case. Optionally, this message can still be personalized.

By opening the link in the message, the user will immediately open the case detail in the app.

earn points

A user can earn WhereAbout points by writing recommendations.
These then appear in the user's feed, making this recommendation visible to his friends. See the create post chapter for creating a recommendation.

Assumptions

Out of scope

User Stories

User interaction and design

Open Questions

Ask	Answer / Decision
Do my likes, dislikes and/or loves also end up in my feed and vice versa? "Bart likes Hof van Cleve"	May indeed be in the feed as a post without additional photos.

Is it just what friends think or what others think too? Is my recommendation only visible to my friends?	Would be logical that you can also see what "others" think of it. Only public posts. Can also be sorted by most recent posts first.
The user immediately has the option to 'like', 'dislike' or add to their favorites. Does this make sense on a "case" detail. Surely this functionality only belongs to a post?	
Where is the address? Is this also represented visually via a map somewhere?	
Opening hours was included in the old app. Is this still necessary or visible somewhere in the new version?	

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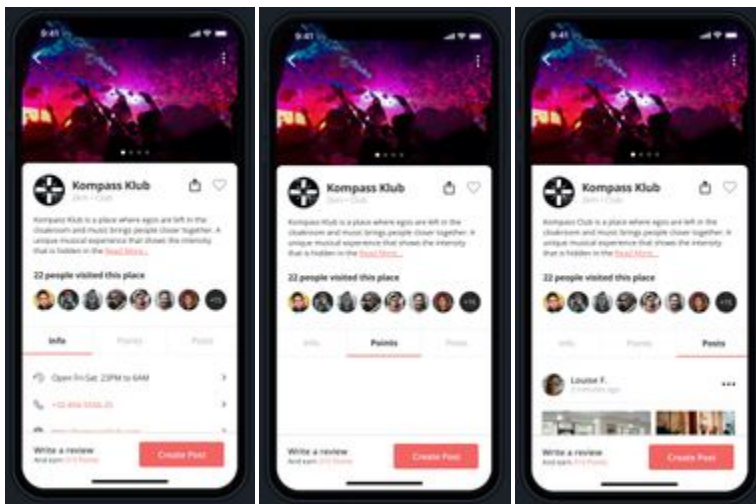
PLACES

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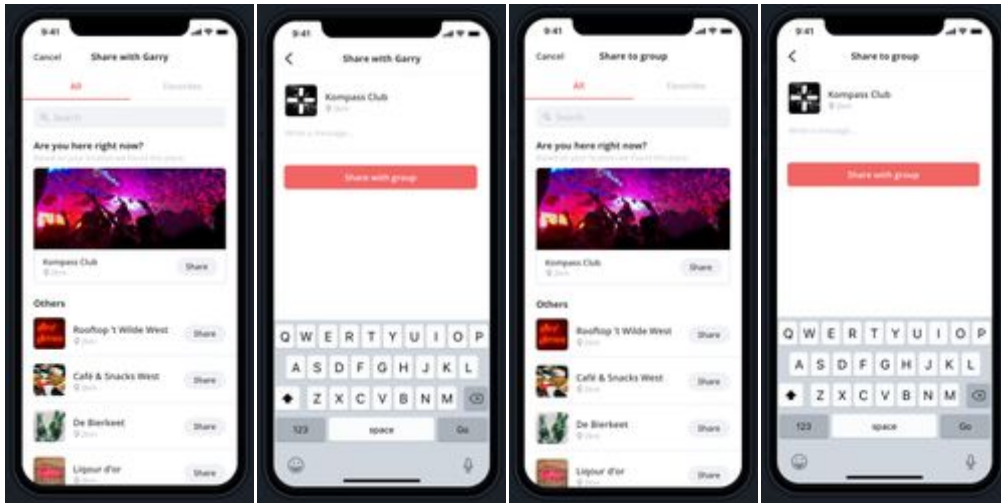
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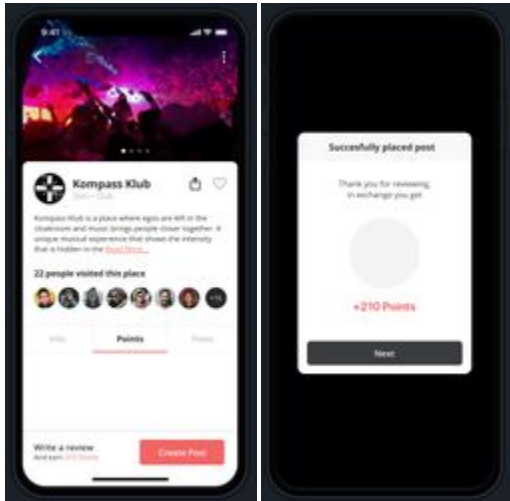The indicated contacts receive a standard message with a link to the given case. Optionally, this message can still be personalized.

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User Stories

User interaction and design

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The user immediately has the option to 'like', 'dislike' or add to their favorites. Does this make sense on a "case" detail. Surely this functionality only belongs to a post?	
Where is the address? Is this also represented visually via a map somewhere?	
Opening hours was included in the old app. Is this still necessary or visible somewhere in the new version?	

WhereAbout Social - Message Center

Target release	v3.0
epic	

Document status	DRAFT
Document owner	†Bart De Baere
designer	†Jens De Witte
Tech lead	
QA	

Lenses

- As a user I can see all my notifications
- Notifications already read are displayed differently than unread notifications By
- pressing a notification on the post, conversation or profile
- As a user I see a badge with the number of unread messages on the app icon

MESSAGE CENTER OF NOTIFICATIONS

Notifications can be sent to give users regular feedback. To be allowed to send push notifications, the user must give permission for this.

When the user does this<u>no</u> we can still send in-app notifications. Please note, the user will not receive any notification from these in-app notifications.
So we can say that: every push notification is also an in-app notification, but not every in-app notification is also a push notification.

The notifications page provides an overview of all notifications related to important actions and events. These can be connection requests, comments on your posts, likes, dislikes, WhereAbout events, posts from your favorite places, ...
As explained above, this page consists of all in-app notifications (which can also be a push notification). Visually it is indicated whether these have already been read or not yet read. Tapping on a notification can open a specific page. For example, the detail of the relevant message or the profile of a user.
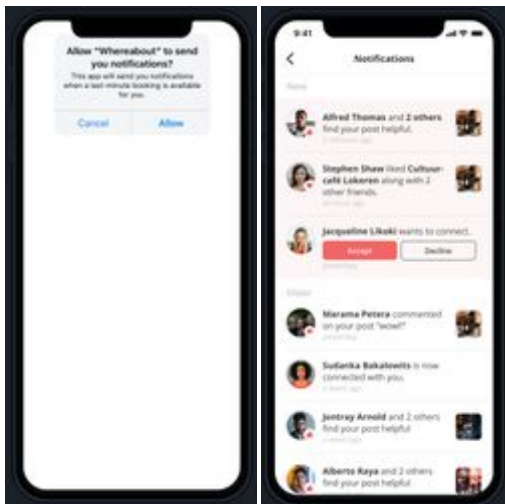
BADGES

The badge on the app icon itself can only be shown when the user has given push notification permission.
As soon as the user has given this authorization, it can be determined which number appears on this badge. For WhereAbout the badge will show the number of unread messages on the app icon.

> Different devices and versions of Android handle this differently. This means that there will not always be a number, but sometimes only a dot (to indicate that there are messages) or sometimes even nothing at all.
> This is a limitation of Android. In the newer Android versions this is handled better, but it still depends on the manufacturer of the device which behavior is possible here.

In the app itself, we are free to provide our own badge on the icon of the conversations tab that, for example, indicates how many "chat" messages are still unread.
The user does not need to give push permissions for this.

NOTIFICATIONS

The table below shows which actions and events will generate which type of message.

Note: SMS cannot be used at the moment as we do not register the customer's phone number anywhere.

event	push Notification	In-app notification	s MS	e-mail	Remark
New user has successfully registered				X	Welcome mail with block account functionality.
A friend created a new post	X	X			By pressing the notification, the app shows the post in the feed?
Connection request	X	X			
Connection request accepted	X	X			
A user liked a post of mine		X			Possibly group all likes of one post? eg. "Bart and 3 others like your post"
A user has disliked a post of mine		X			
A new comment on a post of mine		X			Possibly group all new comments? eg. "You have 3 new comments".
Share place with one or more people and/or groups		X			Including a link to the case that you can open in the app
A new message in the chat	X	X			By pressing the notification the app will show the conversation in question

Assumptions

Out of scope

User Stories

User interaction and design

Open Questions

Ask	Answer / Decision
Posts from your favorite places.	

WhereAbout Social - Conversations

Target release	v3.0
epic	
Document status	DRAFT
Document owner	†Bart De Baere
designer	†Jens De Witte
Tech lead	
QA	

Lenses

- As a user I want to be able to send messages to one or more friends As a user I
- want to be able to share a case with one or more friends As a user I want to be
- able to manage my notification settings per conversation As a user I can
- immediately consult a shared place
- As a user I want to receive a push notification when I get a new message As a user I want
- to see which of my contacts are online

CONVERSATIONS

The conversations tab contains all of the user's messages with other users. Not to be confused with the message center which shows a list of all messages.
There are two types of conversations:

- one on one conversations
- group conversations

Messages are grouped by contact and/or group. The conversation with the most recent message is at the top of the list. It is also immediately clear which messages are still unread.
Tapping on a message opens the conversation detail with this person or group.

Online

Which users are currently online is indicated by a dot on their avatar.

New message

From the conversation detail it is possible to send a new message. New messages appear at the bottom of the list as soon as the user has sent them.
A user can also send different media in a message: photo, video and audio.
By pressing the location icon, the user can quickly forward a WhereAbout location. This location is therefore always a matter that is also present in the app and not necessarily the user's current location.
This then starts the locate parts flow (see also the places chapter). When another user receives a location, he can press it to open it in the app.
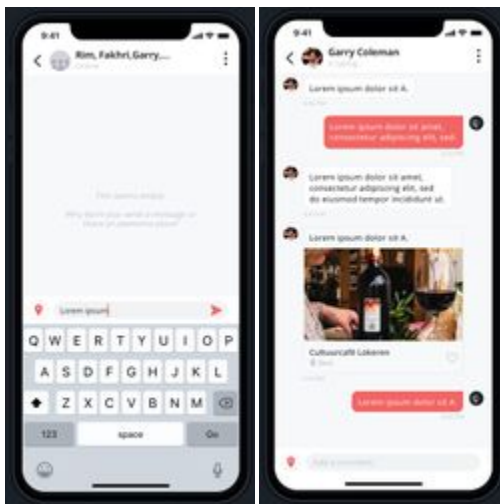
Institutions

With each conversation, the settings can be personalized so that the user, for example, no longer receives notifications (mutes).

Group conversations

Group conversations work the same as one-on-one conversations.
The user does have the option here via the settings to invite other people or to leave the group.
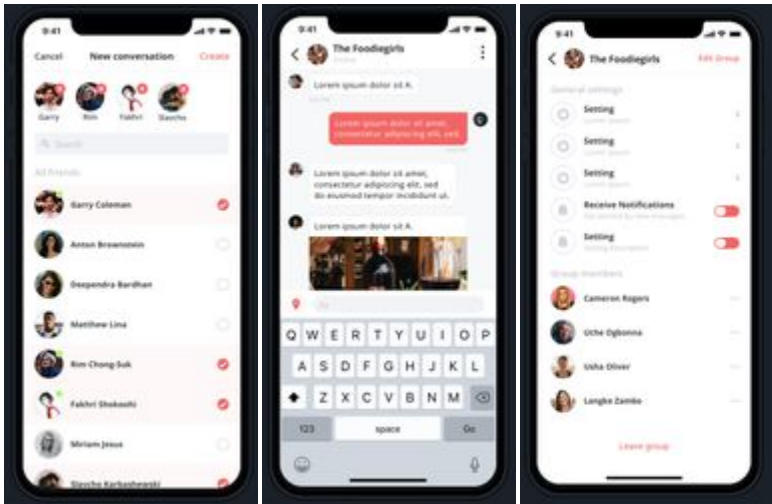
Badge

In the app itself, we are free to provide our own badge that, for example, indicates that there are new messages. The user does not need to give push permissions for this.

Assumptions

Out of scope

User Stories

User interaction and design

Open Questions

Ask	Answer / Decision
Which settings are still relevant?	

WhereAbout Social - Create Post

Target release	v3.0
epic	
Document status	DRAFT
Document owner	†Bart De Baere
designer	†Jens De Witte
Tech lead	
QA	

Lenses

- As a user I can create a post to recommend a place

CREATE POST

Creating a post is perhaps the key feature of the application. When a user creates a post, it is visible to him and all his connections, but not to his blocked contacts.
These posts will then be visible in both the user's own feed and the feed of all his friends. They can then in turn like (or not) this post and comment.

In the first instance, a post is always linked to a certain place (see also chapter places). Based on the current location of the user, the app already makes some suggestions.
The user can also look up a place or choose one from his favorites as the user does not have to be there to write a recommendation.
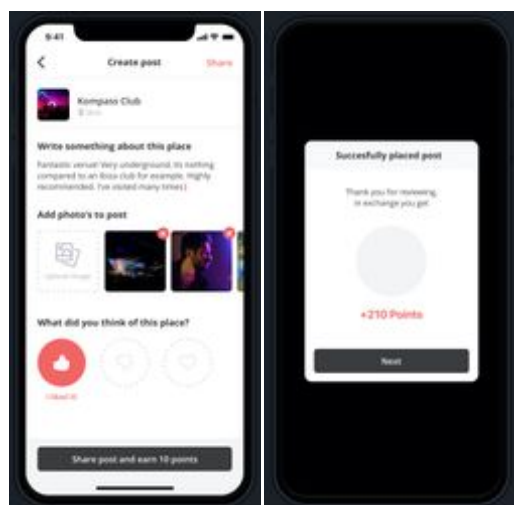
Owner

A business owner should also be able to create a post. This is then regarded as a post of the case.

Assumptions

Out of scope

- Create a post not linked to a WhereAbout location (any post)

User Stories

User interaction and design

Open Questions

Ask	Answer / Decision
Is a post only possible based on a WhereAbout point or is a post also possible based on an arbitrary location? eg. "My cat is missing. Has anyone seen this? Leave a comment"	The purpose of the app is to post something about a catering business where I am currently present. So location is required. No unrelated posts.
Should a "place" also be able to create a post?	†

WhereAbout Social - User Profile

Target release	v3.0
epic	
Document status	DRAFT
Document owner	†Bart De Baere
designer	†Jens De Witte
Tech lead	
QA	

Lenses

- As a user I can consult and manage my own profile As a user I can
- consult my most recent activity As a user I get an overview of my
- favorites
- As a user I get an overview of my friends
- As a user I get an overview of the badges I have earned As a user I can
- manage my notification settings
- As a user I can make my profile private
- As a user I can manage my friends (block, unblock)
- As a user I can hide my activity from specific people As a user I can consult
- my points history
- As a user I can scan another user's unique WhereAbout QR code As a user I can generate
- my unique WhereAbout QR code
- As a user I can unsubscribe
- As a user, I can redeem my WhereAbout points at a participating business

USER PROFILE

The third tab is your own user profile. Here the user can manage his own profile, personal settings, but also get an overview of his own (recent) activity.

Badges

†

My Favorite places

When a user adds a place to their favorites they come in this'scrollable'list right. This list provides an overview of the most recent favourites.

 The "view all" functionality allows the user to consult and look up the complete list of items. By pressing the avatar of the case, the detail of this case opens so that the user can immediately consult more information about this case.
This is further described in theplaceschapter.

friends

The friends list is a scrollable list of the user's friends.***This list summarizes the most recent friends or based on their activity.***

The "view all" functionality allows the user to consult and look up the complete list of his friends. Pressing a friend's avatar opens the person detail so that the user can immediately contact or see what his friend is up to.
This is further described in thepeoplechapter.

By pressing the QR code next to the avatar, the user proceeds to the scan to connect functionality (see below). By pressing the balance of WhereAbout points, the user proceeds to the points history (see below).

Institutions

The user can manage various (personal) settings via the settings. The main one is putting his own profile public/private.

Through these settings, the user can also manage the users that he himself has blocked or wants to hide his activities from. In addition, the user can also adjust the various notification settings.
If the user would turn off the push notifications for one of the options, these messages will still come in as in-app notifications (see chapter Message center).
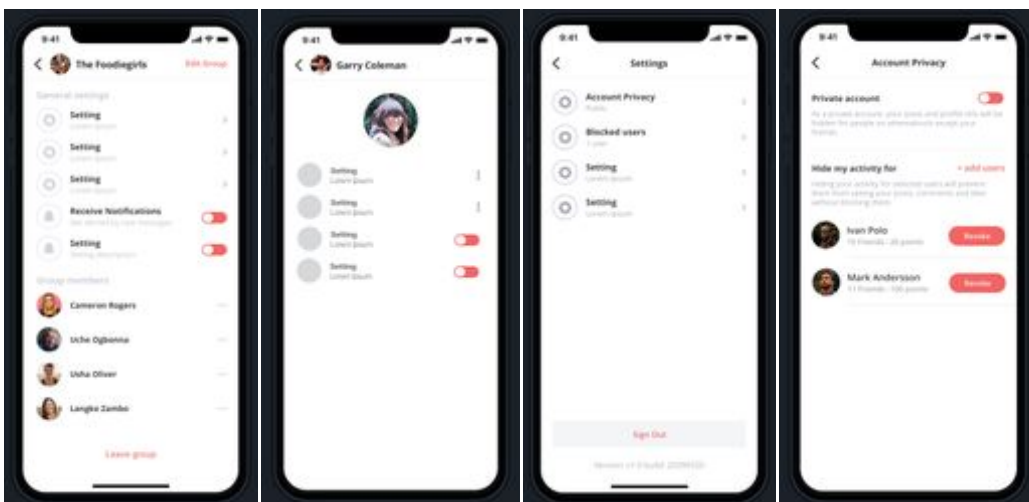
Exchange

Users can earn points by making recommendations (see chapter Create Post). The user can redeem
these points at participating places in exchange for a particular promotion.
Activating this functionality opens the camera allowing the user to enter the unique QR code to redeem points.
After scanning the code, the user receives a modal with a confirmation so that he can check whether the number of points is correct and whether he agrees.

The user can still waive this redemption.
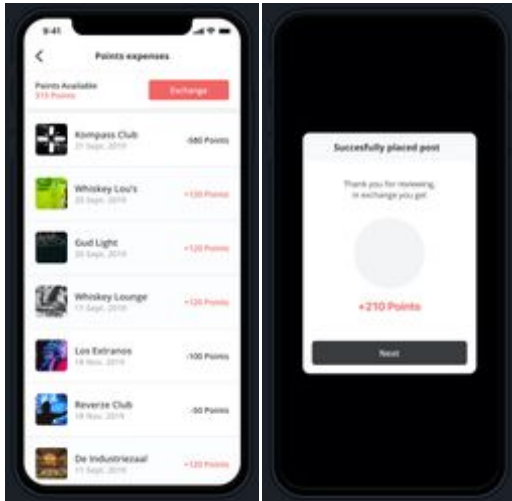
Scan to connect

To make connecting with people even easier, it is also provided that people can do this by scanning each other's code. When this functionality is
called, a unique code is generated that can then be scanned by another WhereAbout user (in the app itself).

After the other user has scanned the code, they will receive a message to confirm whether they want to connect with the person whose code
they scanned.
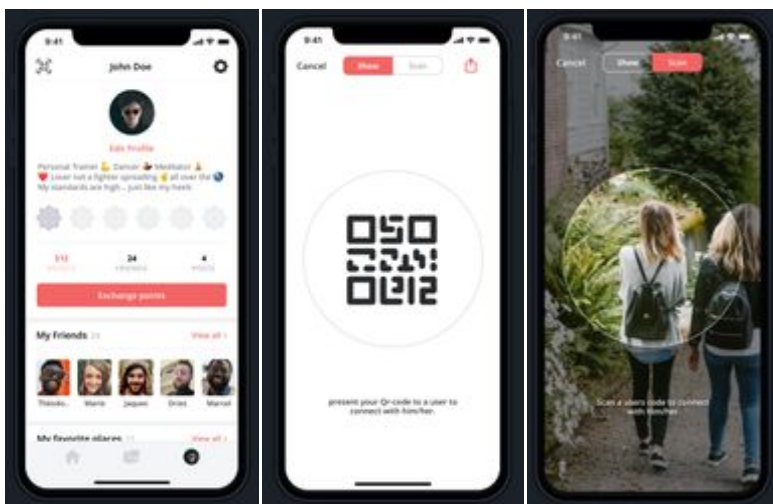
Points history

The points history contains an overview of the user's total balance of WhereAbout points and an overview of all incoming and outgoing
WhereAbout points.
When a user gets points because he wrote a recommendation or spends points when redeeming in a case, he can consult it in this history.

Sign out

A user can also unsubscribe via the settings page. After logging out, the user must log in again. See also chapter Onboarding & Registration.
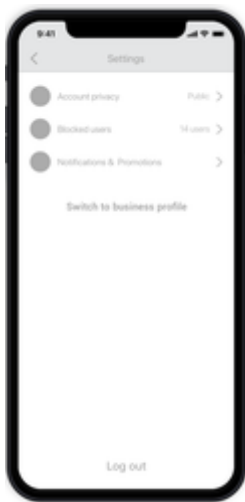
Assumptions

Out of scope

User Stories

User interaction and design

Open Questions

Ask	Answer / Decision
Can a user already earn points by completing his profile? Or verify his e-mail address?	

WhereAbout Social - Business Profile

Target release	v3.0
epic	
Document status	DRAFT
Document owner	†Bart De Baere
designer	†Jens De Witte
Tech lead	
QA	

Lenses

- As a business user I can receive WhereAbout points in exchange for a certain promotion or promotion

BUSINESS PROFILE

A case that participates in WhereAbout has its own profile. This means that people linked to this case have extra functionality compared to a regular user.
The app itself looks completely the same, only these users get an extra option to receive points in the user profile.

Receive points

By pressing receive the user starts the flow to receive points. The user must first enter how many points he wishes to receive, after which a unique QR code is generated.
After scanning this QR code and the confirmation from the other user, the user will receive a message that the points have been successfully received. If for some reason something went wrong, the user will also be notified and the option to try again. The same QR code is then prepared again.

Assumptions

Out of scope

User Stories

User interaction and design

Open Questions

Ask	Answer / Decision
How do I add a promotion?	

WhereAbout Social - CMS

Target release	v3.0
epic	
Document status	DRAFT
Document owner	†Bart De Baere
designer	†Jens De Witte
Tech lead	
QA	

Lenses

- The administrator must be able to create and manage a new room
- The administrator must be able to add a business owner to a restaurant (grant access) The
- administrator must be able to search and remove a user
- The administrator must be able to prepare the content of a room without it already appearing in the app The administrator
- must be able to (temporarily) remove a case from the app
- *A business manager must be able to manage his business*
- ***A business manager must be able to invite an employee and give access to the app***

CONTENT MANAGEMENT SYSTEM

The Content Management system, or CMS for short, allows the administrator of the application to add content that then becomes visible in the mobile application.
All this data (or content) must therefore be able to be set somewhere. This is done via the Content Management System.
Initially, it is the administrator of the application who will have to set this content.

Furthermore, the CMS can also be used to create system specific matters (see chapter settings) or to manage users (see paragraph users).

AFFAIRS

The detail of a case in the app consists of several parts:

- Case name A
- description
- *Opening hours*
- *Website*
- *Telephone*
- *Address (including GPS location)*
- *Photos*

To ensure that the above data can be prepared without being immediately visible in the mobile application, a status is added to the case.
This status then allows you to create a case without it already appearing in the app (=draft), to show it explicitly in the app (=publish) or

can be removed from the app (=inactive).

It is always possible to filter or switch on this status. A case can be taken out of the app (inactive) but after, for example, paying the arrears it can be put back on publish.

The business managers are given the option in the mobile application to receive points from other users via an extra view (see chapter Busin ess Profile).

To make this possible, the manager must be able to be linked to his business. The operator will therefore have a separate role in the application.

USERS

Due to the European GDPR legislation, it is useful that the administrator of the application has the option to remove an existing user from the app when this user asks.

That is why a method is provided for this (search and delete).

INSTITUTIONS

Some data used in the mobile application must be extensible/configurable. For example "type of kitchen" and "table combinations". It is possible that new types will be added in the long term. To accommodate this, it is useful if these "meta-data" can be set via the CMS.

> This also ensures that Next Apps does not have to be called upon if something needs to be changed about these matters.

ASSUMPTIONS

Out of scope

User Stories

User interaction and design

Open Questions

Ask	Answer / Decision
How are promos created?	

Technical analysis

- Data Model

data model

Transactions
id	int
amount	int
place_id	int
created_at	datetime
updated_at	datetime

Addresses
id	int
street	string
number	string
zipcode	string
city	string
lat	decimal (nullable)
long	decimal (nullable)
created_at	datetime
updated_at	datetime

Media
id	int
model_type	string
model_id	int
collection_name	string
name	string
file_name	string
mime_type	string
disk	string
size	string
manipulations	json
custom_properties	json
responsive_images	json
order_column	int
created_at	datetime
updated_at	datetime

Places
id	int
name	string
description	json
lat	decimal
long	decimal
is_featured	boolean
address_id	int
created_at	datetime
updated_at	datetime

Posts
id	int
content	longtext
emotion	string
place_id	int
user_id	int
created_at	datetime
updated_at	datetime

OpeningHours
id	int
opened_at	time
closed_at	time
closed	boolean (nullable)
day	json
place_id	int
created_at	datetime
updated_at	datetime

UserPostEmotions
id	int
emotion	string
post_id	int
user_id	int
created_at	datetime
updated_at	datetime

Reports
id	int
motivation	longtext
source	string
sourceid	int
user_id	int
created_at	datetime
updated_at	datetime

Comments
id	int
content	longtext
user_id	int
post_id	int
created_at	datetime
updated_at	datetime

Devices
id	int
uuid	string
firebase_token	string (nullable)
user_id	int
client_id	int
created_at	datetime
updated_at	datetime

UserFavoritePlaces
id	int
place_id	datetime
user_id	datetime
created_at	datetime
updated_at	datetime

Users
id	int
firstname	string (nullable)
lastname	string (nullable)
email	string
password	string
born_at	date (nullable)
gender	string (nullable)
is_public	boolean
points	int
completed_at	datetime (nullable)
locked_at	datetime (nullable)
created_at	datetime
updated_at	datetime

Role - User
role_id	int
user_id	int

Roles
id	int
name	string

Notifications
id	int
type	string
notifiable	string
notifiable_id	int
data	longtext
read_at	datetime (nullable)
created_at	datetime
updated_at	datetime

Role - Permission
role_id	int
permission_id	int

Invites
id	int
name	string
phone	string
user_id	int
created_at	datetime
updated_at	datetime

Permissions
id	int
name	string

HideUserActivities
id	int
user_id	int
hide_for_user_id	int
created_at	datetime
updated_at	datetime

BlockedUsers
id	int
user_id	int
blocked_user_id	int
created_at	datetime
updated_at	datetime

UserFriends
id	int
user_id	int
friend_id	int
created_at	datetime
updated_at	datetime

UserChats
id	int
user_id	int
chat_id	int
is_muted	boolean
created_at	datetime
updated_at	datetime

Chats
id	int
name	string (nullable)
created_at	datetime
updated_at	datetime

Messages
id	int
content	longtext
user_id	int
chat_id	int
place_id	int (nullable)
created_at	datetime
updated_at	datetime

media collection / logo

media collection

avatar

source