**Anforderungen an Konzept**

Geht darauf ein:

- welche Ziele ihr mit der Evaluation verfolgt (also, welche Aspekte ihr testen wollt)

- wie ihr diese Ziele testen wollt

- welches Material ihr dafür verwendet (z.B. Fragebögen, Interviewleitfaden, etc.)

Define user testing goals:

Our main goals focused on evaluating the intuitiveness of the app's navigation and core features.

We wanted to observe users' natural interactions with POSletics to identify any red flags before launch.

a few key questions to answer at the end:

• Is the navigation intuitive?

• Can users easily find POSs?

• Can users easily establish a route to the POS?

• Can users easily verify POS?

We decided to choose an in person testing (not only because we have only one smartwatch and very limited time but also because we decided to establish a real connection and be able to read body cues and being able to ask questions and answer them immediately, that way we would be able to receive a more feedback than during questionnare)

for this type of testing we will need one moderator and one person to take notes.

moderator is there to troubleshoot tech issues and/or explain tasks to a confused participant

Participants

we decided to choose people who actively do sports, who want to do sports and who also have experience using sportsapp so that they could deliver productive critique.

Age/gender was not important.

Later on we could test it with Sportsverein as a way of promoting it

We decided to recruit 21 participants. (7\*3 the [Nielsen Norman Group asserts that you only need five participants](https://www.nngroup.com/articles/why-you-only-need-to-test-with-5-users/) to uncover 85% of a product's issues)

Normally participants should not be related to developers but we decided to ignore it due to lack of time.

thank you for agreeing to be a part of a testing team of our app

Keep in mind that we are testing an app and not you. In case you have any questions during the testing feel free to ask them, also verbal feedback during a procedd is welcomed

first we would like to do a quick overview of an app.

after that we would like to appoint each one of you a specific role and give you a scenario that we ask you to follow.

you will have some time to get familiar with an app before going through scenario.

Entdecker

(a person that likes to be outside, find new places and is not necesserily very athletic :))

1. we would like you to take a walk in a park

2. on your way you will find suitable places for doing sports exercises. we would like you to mark at least three of them with your smartwatch. How to do it? press a button on your smartwatch and that's it!

3. when you are at home connect your smartwatch to your computer (which will automatically synchronise the data with your app)

4. in your app you would be able to see the POSs that you marked as nonverified POSs. we would like you to tag possibly each POS with a suitable tag of an activity that one can perform there (such as "push-ups", "balancing", etc.)

5. answer a couple of our questions about your experience.

Abenteurer

(a person that likes to do sports outside, doesn't necesserily like to plan his activities and likes to explore new routes)

1. we would like you to follow one of the routes that goes near unverified POS in a park

2. run as usual but be aware of smartwatch notifications. You would recognise them by vibrations of a smartwatch. Those vibrations are an indicator of an interesting POS near your route which we would like you to verify.

3. Please, do not ignore them and follow where they lead you to.

4. when you reach a POS that needs your verification and you agree that it is a suitable POS, press THE button on a smartwatch (that is how you verify a POS)

5. if you don't find a place as a suitable POS, don't do anything and just follow your route as before. (we know it might be frustrating but we really appreciate your help)

6. when you are at home connect your smartwatch to your computer (which will automatically synchronise the data with your app)

7. in your app you would be able to see the POSs that you verified as either notverified POS or verified one (if more than 10 testers agreed with you). we would like you to up/down-vote already existing tags of each POS that you verified (they will be shown in your app), or add another tags that you find more appropriate (such as "push-ups", "balancing", etc.)

8. answer a couple of our questions about your experience.

planender Sportler

(a person that likes to do sports outside, likes to plan his activities and sometimes likes to explore new routes)

1. we would like you to establish a route in a park using our app. it would be preferable if you do it by searching for specific activities/tags (such as pull-ups, balancing, etc.) that way the app will find a good route for you and will bring you to one of verified POSs)

2. we would like you to follow your chosen route.

3. do your normal sports routine

4. if you would hear notifications in form of vibration from a smartwatch it means that you are passing by an interesting POS near your route which you could/not verify. You can continue with your program or you could follow notifications and varify/not a POS

5. when you reach a POS that needs your verification and you agree that it is a suitable POS, press THE button on a smartwatch (that is how you verify a POS)

6. If you reach the place, choose the green button if you agree for a good POS ,choose the red button if not

7. in your app you would be able to see the POSs that you verified as either not verified POS or verified one (if more than 10 testers agreed with you). we would like you to up/down-vote already existing tags of each POS that you verified (they will be shown in your app), or add another tags that you find more appropriate (such as "push-ups", "balancing", etc.)

8. answer a couple of our questions about your experience.

• Is the navigation intuitive?

Was it easy to mark an interesting POS?

Does it take a lot of time to mark it?

Have you experienced problems connecting your smartwatch?

How time consuming was it to tag a POS you found in an app?

Would you be willing to take a picture of a POS?

• Is the navigation intuitive?

Was it easy to find a not verified POS after receiving notification?

Was it easy to verify it?

Was it distracting you from doing sports?

Have you experienced problems connecting your smartwatch?

How time consuming was it to tag a POS you found in an app?

Would you be willing to take a picture of a POS?

• Is the navigation intuitive?

Was it easy to establish a route by using tags?

Did the tags you choose reflect an activity you have done at the POS?

if you followed notifications of unverified POSs nearby, was it easy to find them?

Was it easy to verify it?

Was it distracting you from doing sports? (would you prefer not receiving them at all?)

Have you experienced problems connecting your smartwatch?

How time consuming was it to tag a POS you found in an app?

Would you be willing to take a picture of a POS?