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Zürcher Hochschule der Künste
Zurich University of the Arts

# MUI
# MID Presentation

## Interaction Design, 5th Semester

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In cooperation with WSL, SLF
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Picture by Andreas Brunner

# concept idea

How might we create a tool that not only educates the user in avalanche awareness but also guides the user through the preparation, provides safety during the tour and supports the final reflection?

# concept idea

Petra Sturzenegger

Einsteiger:in

Bedürfnisse:

- Wissen erlernen
- Kurse belegen
- Touren planen von A-Z

Reto Regensdorf

Kenner:in

Bedürfnisse:

- Wissen auffrischen
- Touren planen,
- Touren der anderen anschauen
- evtl. weitere Kurse belegen

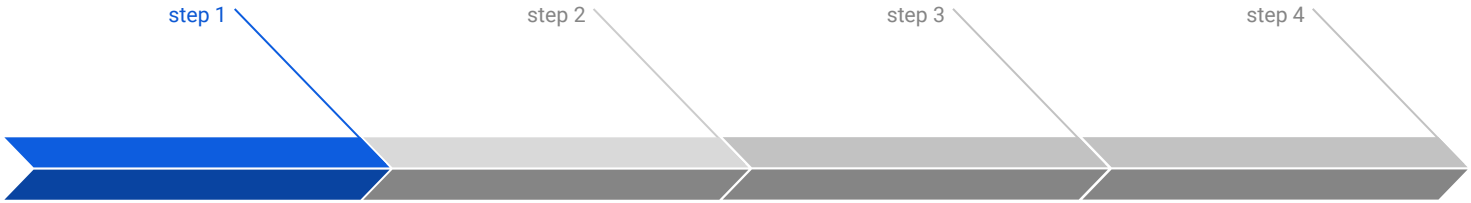
Josef Schweizer

Profi

Bedürfnisse:

- Reflektion eigener Touren
- Touren der anderen anschauen
- austausch mit Gästen/ anderen Kursleitern/ Profis

# use case 1 - Einsteiger




**App Download**

Petra downloaded the app

**Register**

Petra creates an account where she has to answer a few questions to put her in the right level.

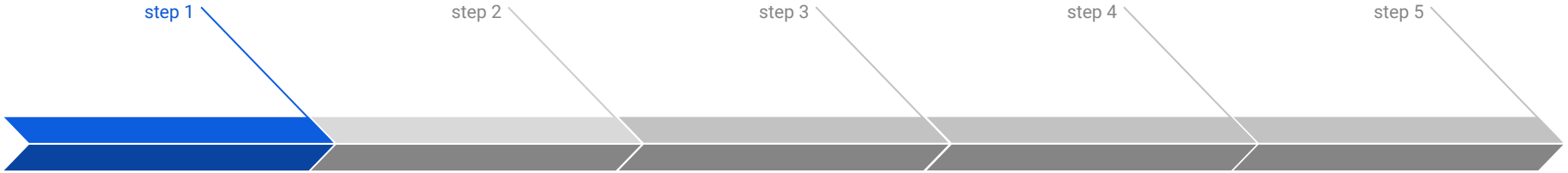
**Dashboard**

She has now her individual Dashboard with lessons on avalanches and equipment. She gets courses proposed and a friendly guidance through the first steps of skitours.

**Tour planning**

Not only can she learn all the important things about snow and avalanches, she is also able to create routes with SAM as her guide.

# use case 2 - Kenner




### App Download

Reto already has the White Risk app. His level is “Kenner”, because he already did some courses and skitours

### Browse through tours

He can browse through the tours other “Kenner” and “Profis” did and can filter them into different levels. It is visible where tricky points were and when he should be careful. Also there is a suggestion which Lessons he should repeat before going on tour.

### Creates his own tour

He can take the existing ones or creates a new tour with or without SAM’s help.

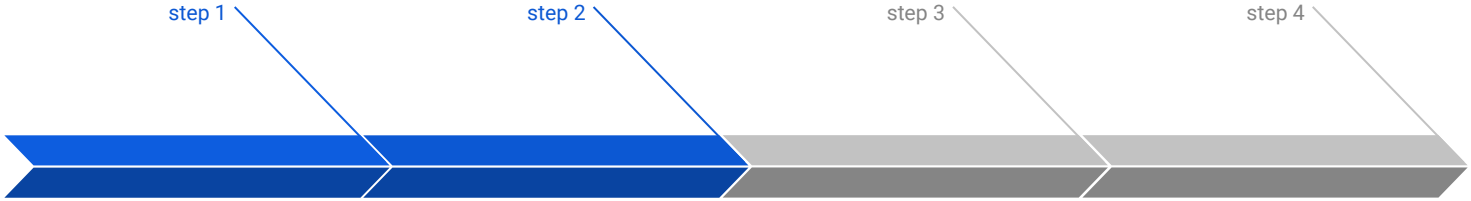
### Lessons and on-field exercises

Reto can repeat some Lessons and gets propositions for on-field exercises to test the avalanche risk

### Reflection and rating

He can reflect on his own Tours with answering some questions in the end. Or he can rate the existing tours and tell the other users how he liked the route.

# use case 3 - Profi




**App Download**

Josef already has the White Risk app and uses it quite a lot. His level is “Profi”, he already is a professional guide and did hundreds of tours.

**Tour planning**

He keeps planning tours on White Risk as he used to do.

**Browse tours**

Can browse through the existing tours, sees the ratings for his routes and can create his own.

**Reflection**

After finishing his tours he can write a reflection for himself or the other users. He can suggests the lessons which should be repeated or courses which would be needed.

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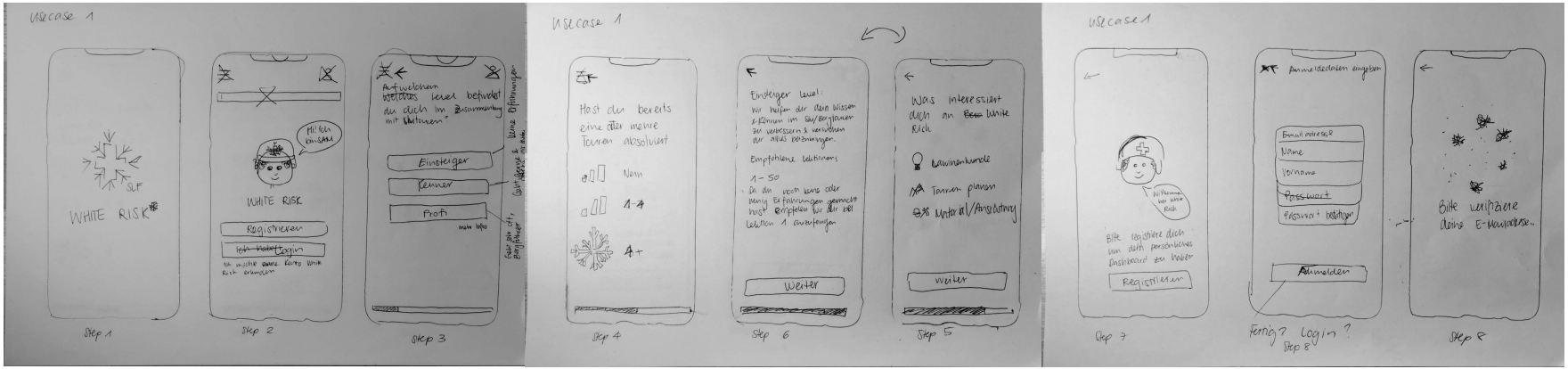
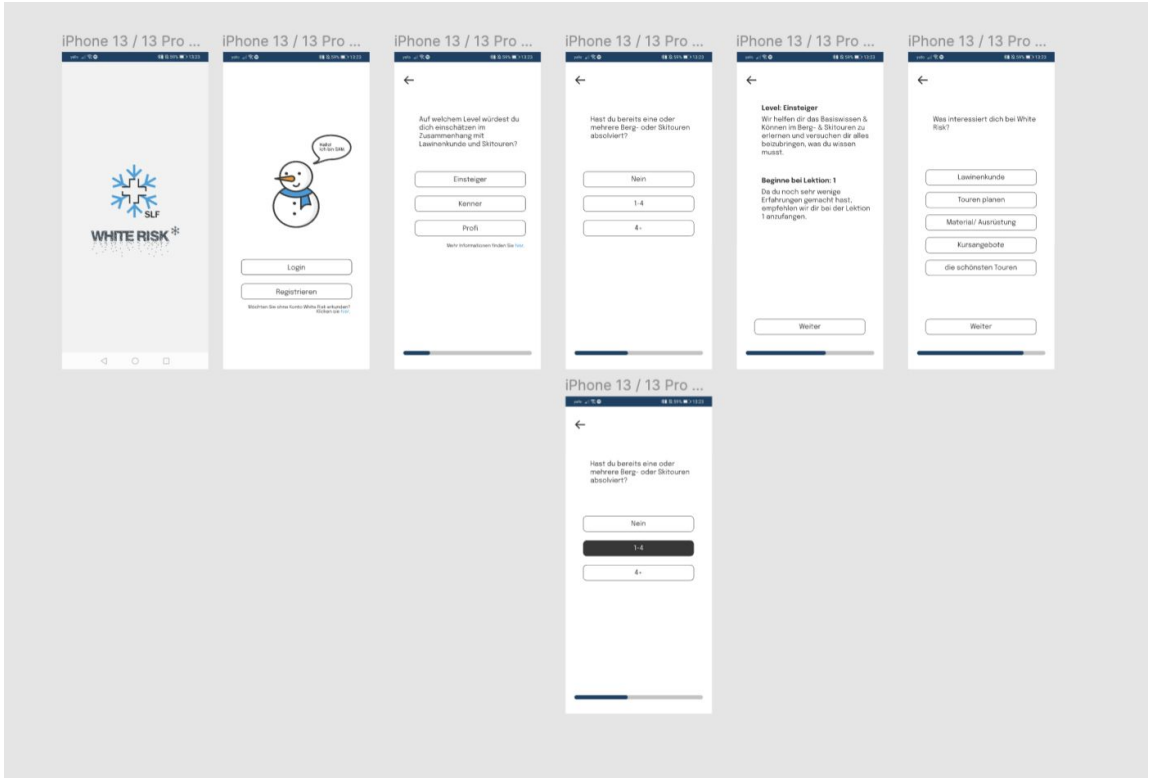
# Wireframes



# Wireframes


iPhone 13 / 13 Pro ...
WHITE RISK
Login
Registrieren
Auf welchem Level würdest du dich einschätzen im Zusammenhang mit Lawinenkunde und Skitouren?
Einsteiger
Kenner
Profi
Hast du bereits eine oder mehrere Berg- oder Skitouren absolviert?
Nein
1-4
4+
Level: Einsteiger
Wir helfen dir das Basiswissen & Können im Berg- & Skitouren zu erlernen und versuchen dir alles beizubringen, was du wissen musst.
Beginne bei Lektion: 1
Da du noch sehr wenige Erfahrungen gemacht hast, empfehlen wir dir bei der Lektion 1 anzufangen.
Weiter
Was interessiert dich bei White Risk?
Lawinenkunde
Touren planen
Material/ Ausrüstung
Kursangebote
die schönsten Touren
Weiter

# Questions?

Picture by Andreas Brunner