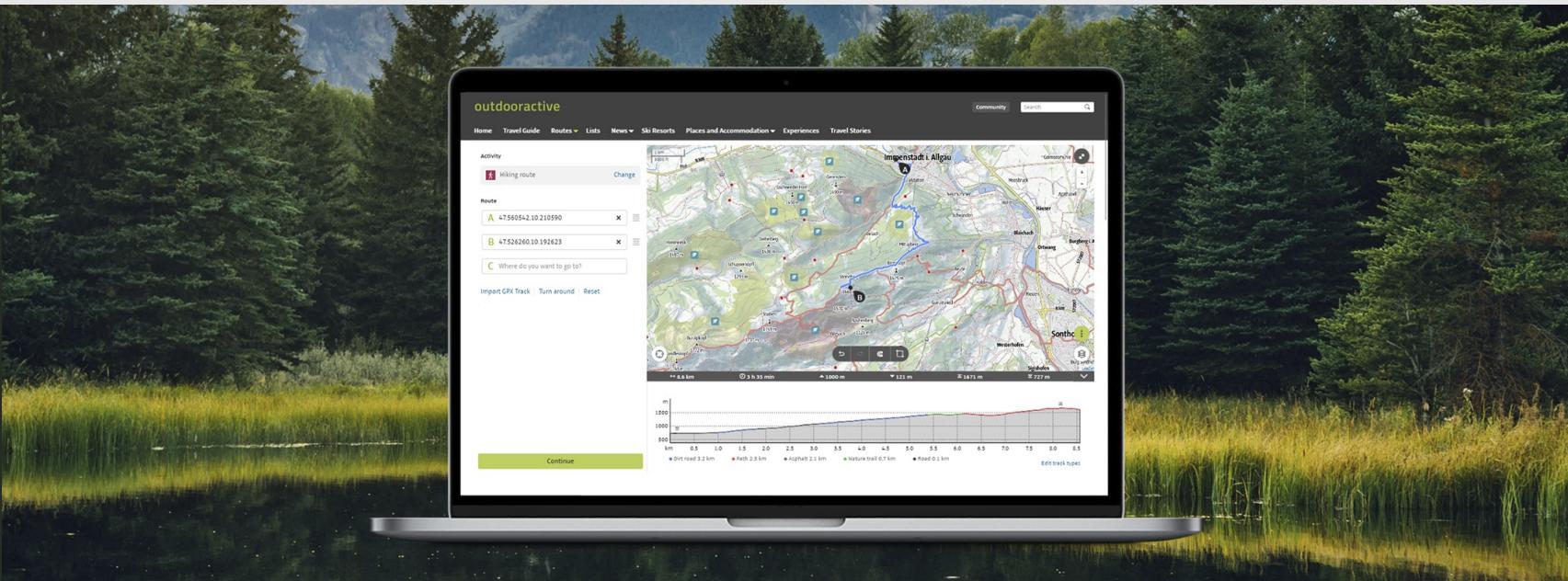


Simplifying the tour planner in outdooractive

Usability Test

by Lucie Weber



Description of outdooractive

New to Outdooractive? Discover the best content and planning tools.



Map Route Finder **Route Planner** Travel Guide

Always on the right track
The Outdooractive App is the perfect tool for any outdoors adventure.

Welcome Home
The Outdooractive Community connects friends all over the world.

Joint trip
Meet new people and enjoy the outdoors together

Find, create
and share
outdoor
tours

Research question

How can the process of creating a new route in outdooractive be simplified?

Activity

 Hiking Route

Change

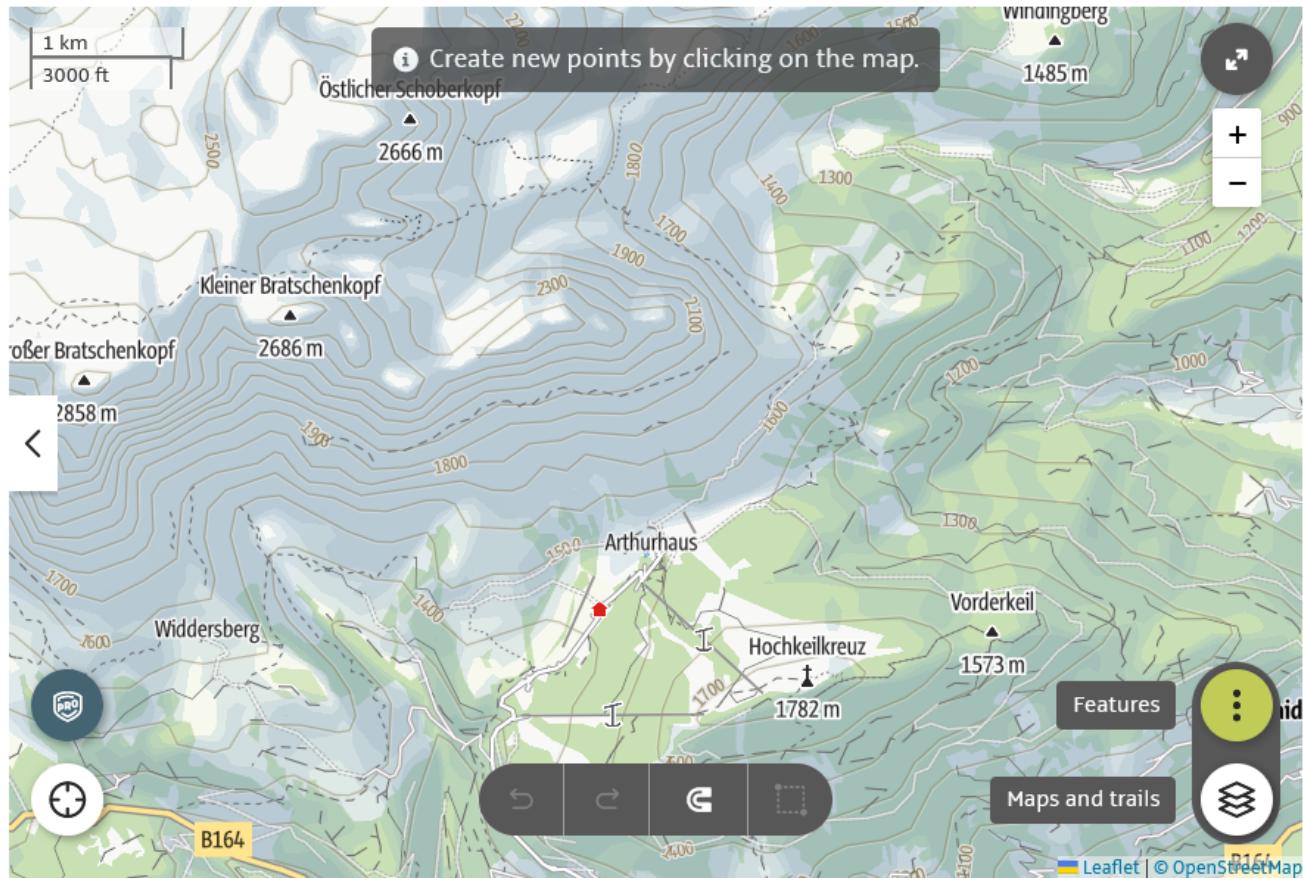
Route

A Place, address, coordinates, ... 

B Where do you want to go to? 

Import GPX Track

 How does the Route Planner work?



Study setup

User profiles

 Outdoor enthusiasts

 all genders

 20 - 60 years

 3 experienced users

 3 inexperienced users

Laboratory test



laptop, computer
mouse, outdooractive
plattform, task sheet

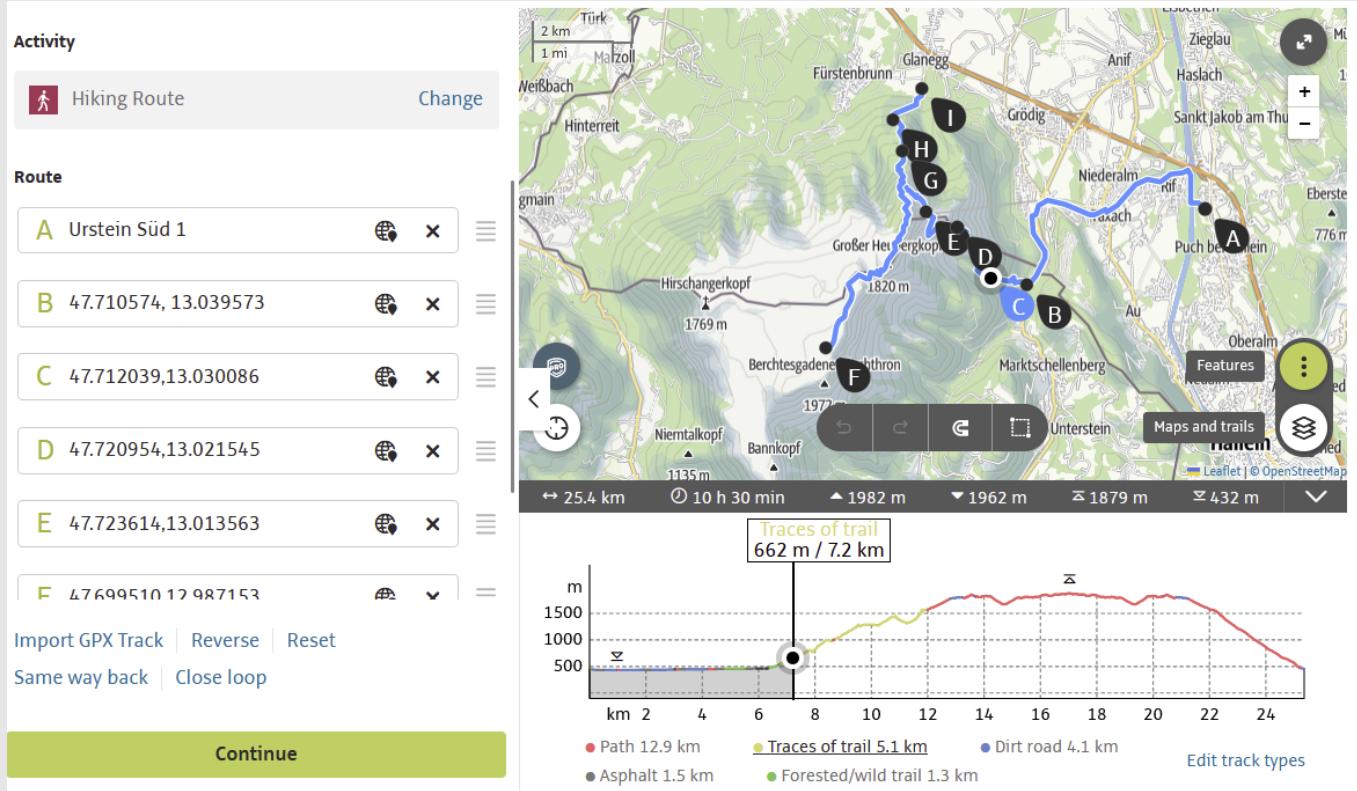
Evaluation goals



Determine potential source of errors

Changing waypoints via drag and drop on the map changes the tour in an undesired way

Evaluation goals



Mapfield

Icons

Waypoints

Route prediction

Tasks

Scenario

You want to do a tour to the top of *Salzburger Hochthon*. For knowing how long this will take and how many meters and altitude meters you will have to walk, you want to construct the route in outdooractive.

Task 1: Creating the route

Task 2: Changing the ascending route

Task 3: Extending the route

Task 4: Going back to parking & reverse route direction

Task 5: Add the approach to the starting point

Task description

Task 2 – Changing the ascending route

Scenario: You realize that the “Dopplersteig” is currently blocked...

Task: On the map near the route is a button called “Edit”...

Start: previous window (from Task 1) or alternatively <link where the output of Task 1 is provided>

End: PDF of created route is in folder “task_2”

Maximum duration(experienced users): 3min

Maximum duration (unexperienced users): 8min

Hints (only given if asked): To change the route, copy the given coordinates in the input field

A. Then delete all the points you have created on the “Dopplersteig”...

Assessment metrics

Task Completion Rate

QUANTITATIVE

Task Level Satisfaction

Task Completion Time

Errors

QUALITATIVE

Usability problems experienced

Procedure

Overall time



2h 16min



2h 30min

Welcome
& setup

Briefing

Pre-
interview
questions

Execution
of tasks

Post-
interview
questions

Goodbye

10min

15min

20min

1h 6min

1h 20min

20min

5min

Thank you!



https://upload.wikimedia.org/wikipedia/commons/1/1c/Salzburger_Hochthron.jpg