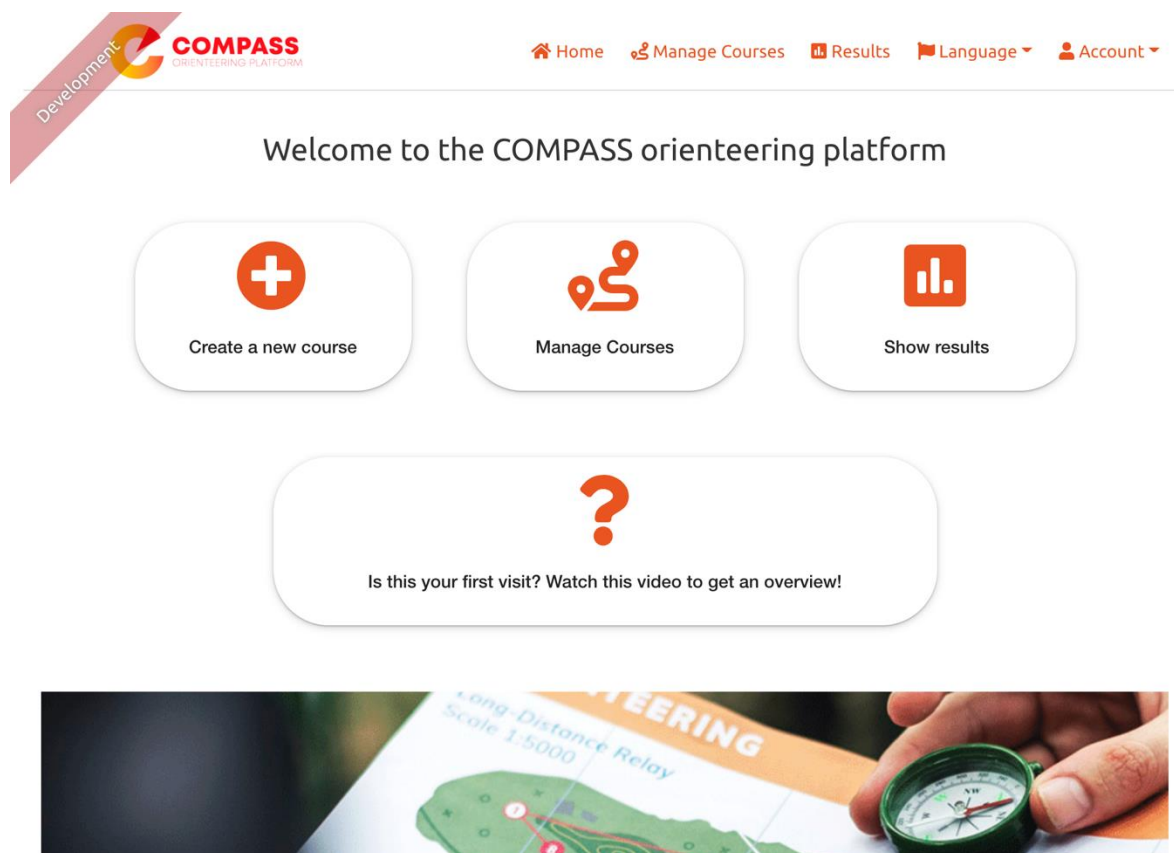


COMPASS Orienteering Game - How to

1 Webapp

Functions in the Webapp

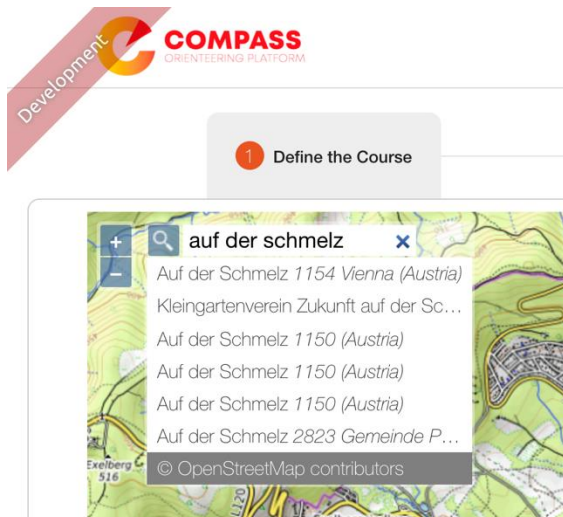
- User Login / Account Management
- Create new Courses
- Manage existing Courses
- Show Results / Compare Results



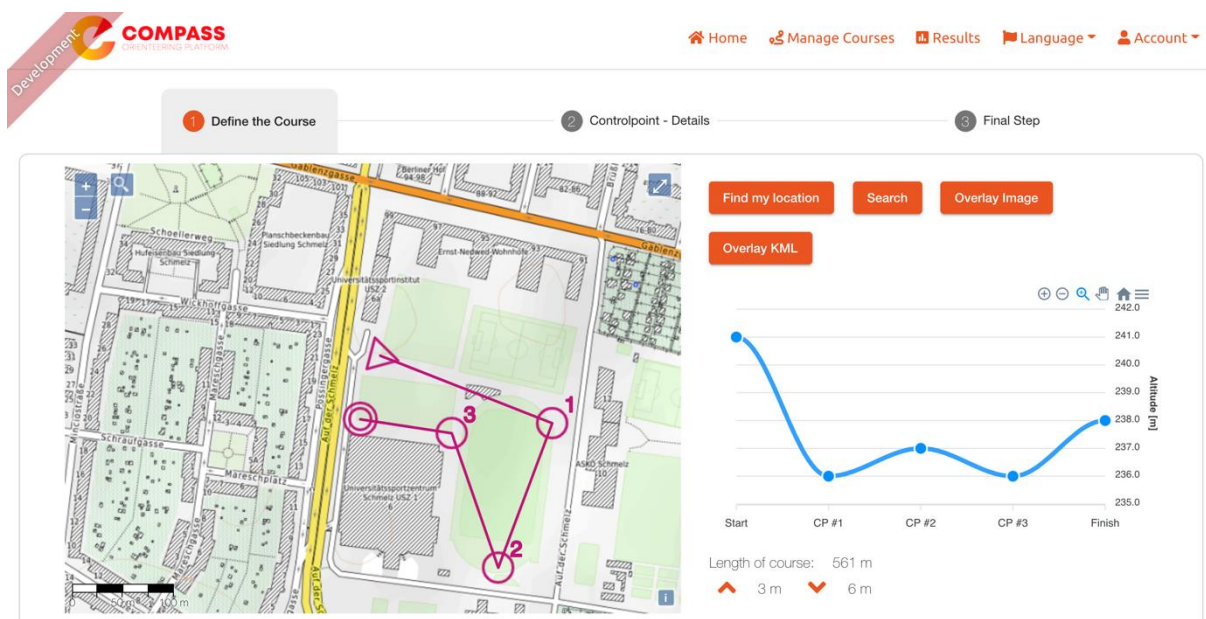
1.1 Create new Courses

To create a new Course

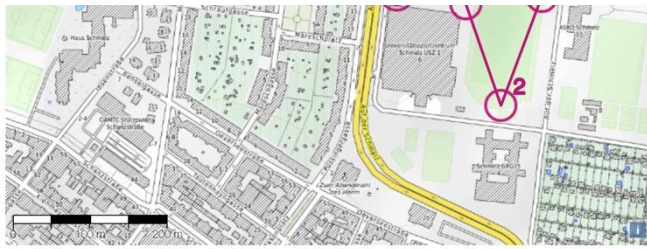
1. click on the new course button
2. search for a specific location in the map



3. click on the map to define the controlpoints
4. on the right side you will see the elevation profile
5. It is also possible to use your own map image (Image file or KML) and georeference it.



6. you will also see a list of the controlpoints.
7. It is possible to define the controlpoint as skippable



Controlpoints of Course

		remove
	1	remove
	2	<input type="checkbox"/> "is skippable" remove
	3	<input type="checkbox"/> "is skippable" remove
		remove
Clear course		

8. In the controlpoint details you can define the radius in meters for the gps signal to detect the zone automatically

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Define the Course

Controlpoint - Details

Final Step

1 Start

2 #1

3 #2

4 #3

5 Finish

Basic Controlpoint Information

Coordinates: Latitude: 48.205 Longitude: 16.317

Height above sea level: 241 m

Radius [m]:

9. It is also possible to define questions for specific controlpoints or create new questions.

Questions for this Controlpoint

Choose from questionnaire Create a new question

filter questions by category

General Sports Science

Geography History Politics

Entertainment

Search

Questions includes ...

Questions for this Controlpoint

Q: How many soccer players should be on the field at the same time? Sports - EASY - SINGLE x v

All available questions

Q: How many soccer players should be on the field at the same time? Sports - EASY - SINGLE v

Go Back Continue

10. Finally you can save the course with a specific name

COMPASS

Home Manage Courses Results Language Account

Define the Course Controlpoint - Details Final Step

Name of this course

My new Course1 Save this Course

Go back

1.2 Manage Courses

1. Edit existing courses
2. Delete existing courses
3. Duplicate existing courses
4. Print QR-Codes for a specific course
5. Show already shared Sessions for a specific course



Create a new course

Manage my Courses

My new Course1

Course has 5 Controlpoint

- edit
- delete
- duplicate
- print QR-Codes
- Sessions



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1.2.1 Print QR-Codes

Here you can print the QR-Codes for the controlpoints to place the codes on the location for later game play. Only for Game Modus QR-Code necessary.

☒ big QR codes (one per page)

print QR-Codes and map

QR-Codes for My new Course1

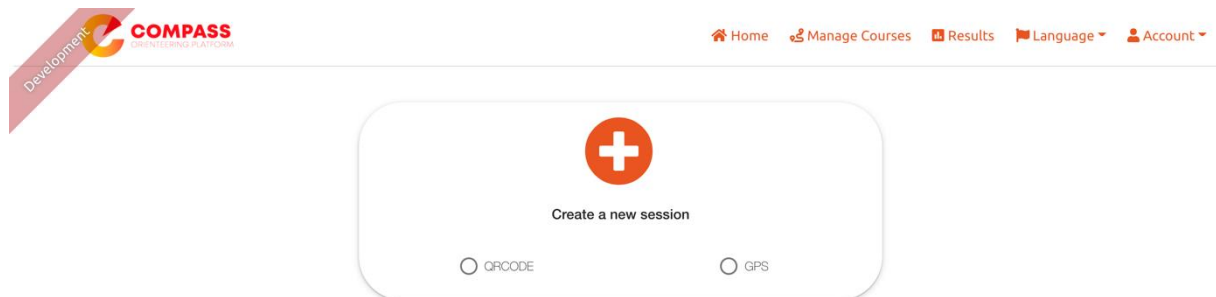
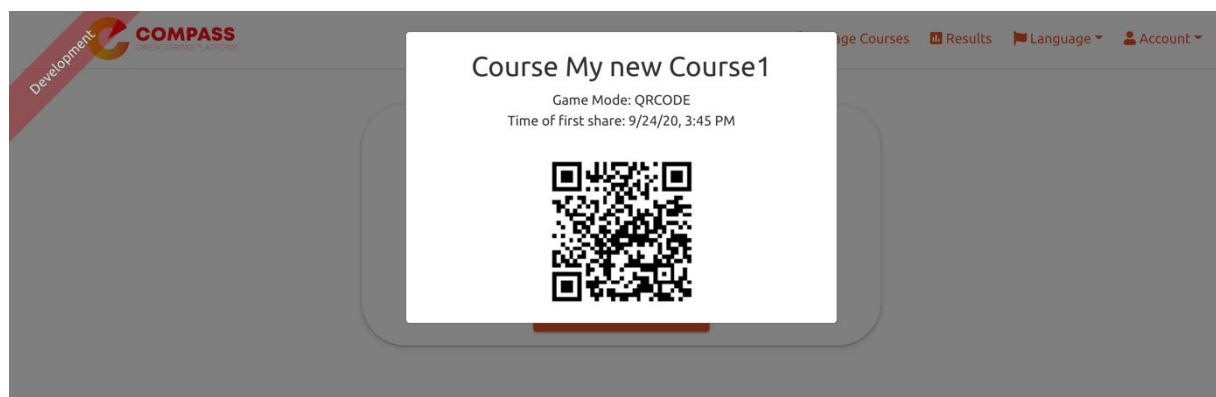
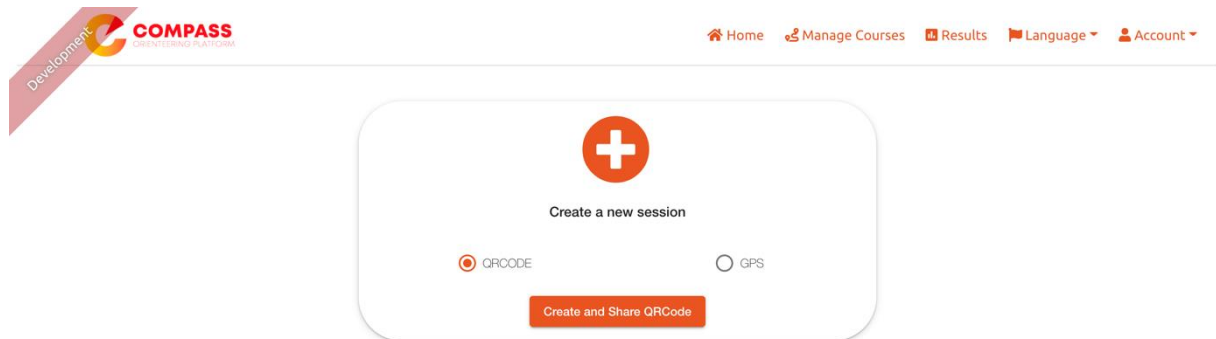


Map of My new Course1

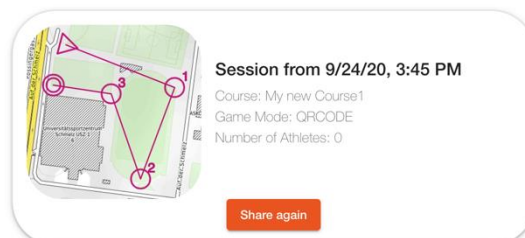


1.2.2 Create a new Session

Define the game mode (QRCODE / GPS) and share the QR-Code for a session. This code must be scanned by the athlete with the smartphone app.



Previous Sessions for Course My new Course1



1.3 Results

Development

COMPASS
ORIENTEERING PLATFORM

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Select specific runs to compare manually

Show the results of a session

Session from 9/24/20, 3:45 PM
Course: My new Course1
Game Mode: GRCODE
Number of Athletes: 1

1.3.1 Show Results

Development

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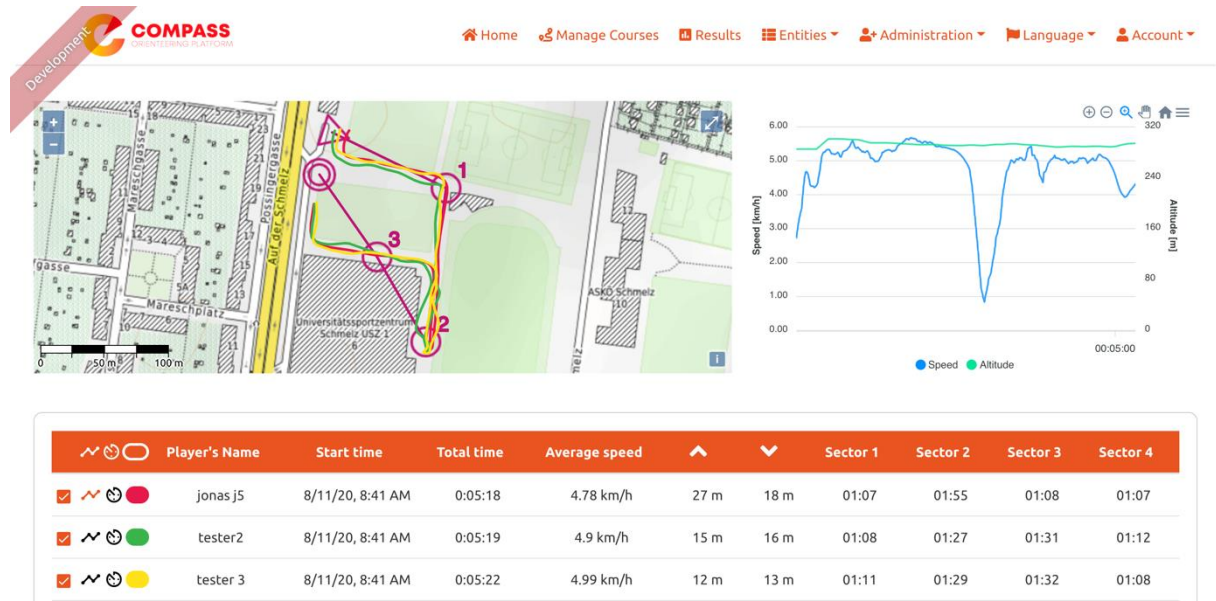
Speed [km/h]

Altitude [m]

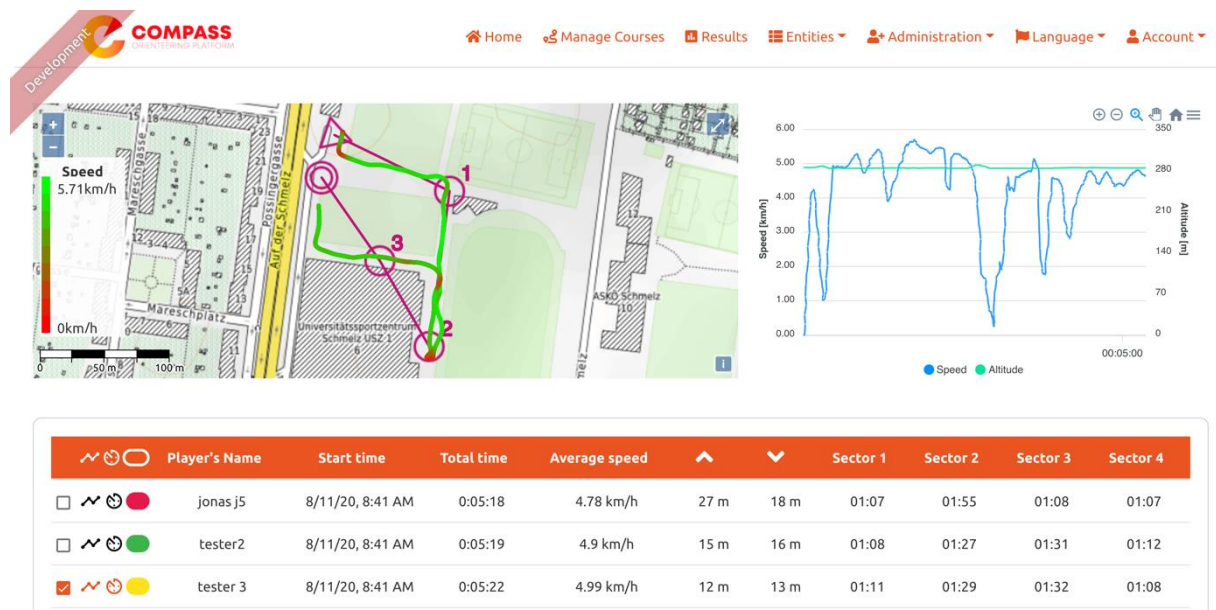
Select a run to show data

	Player's Name	Start time	Total time	Average speed		Sector 1	Sector 2	Sector 3	Sector 4
<input type="checkbox"/>	Student 1 [2: after outlier removal + smoothing]	9/24/20, 4:21 PM	0:03:28			00:07	01:35	00:09	01:36

Here is an example how it looks in game mode GPS with a few more athletes. On the right side you see the altitude (green line) and the speedline (blue line)

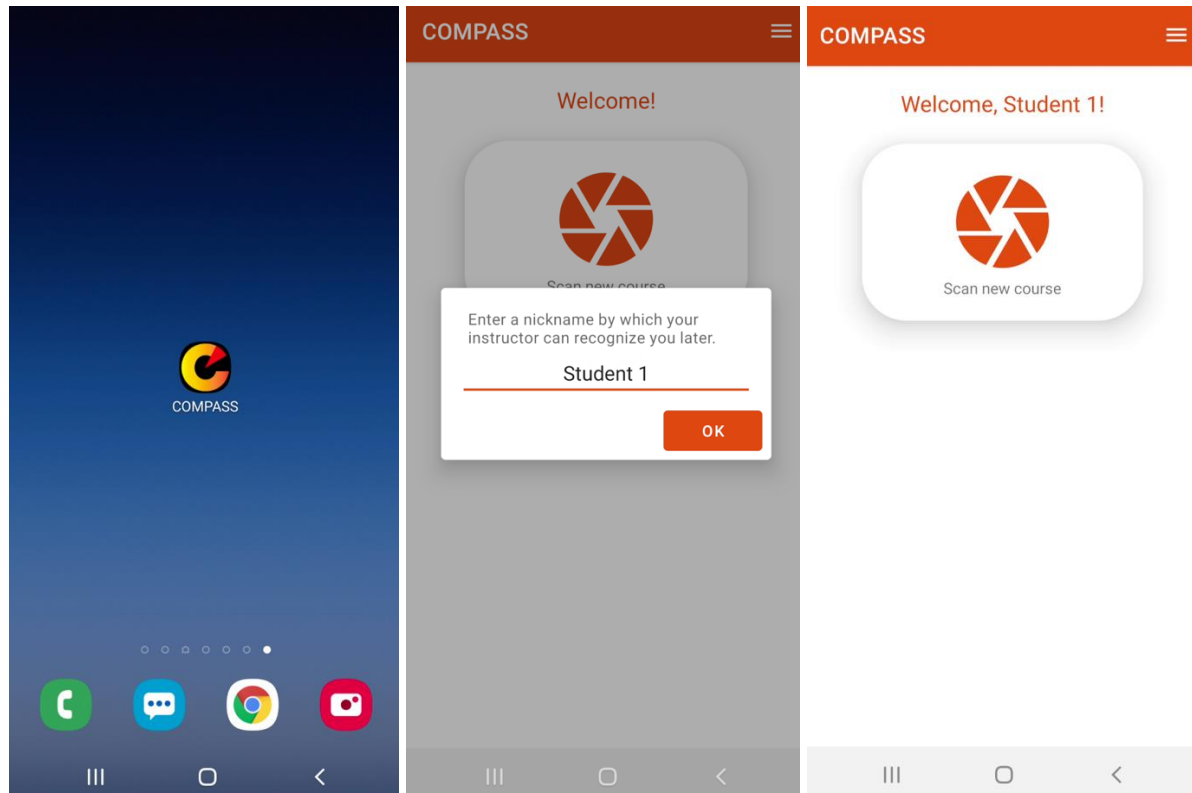


You can also display the colored speed profile in the map

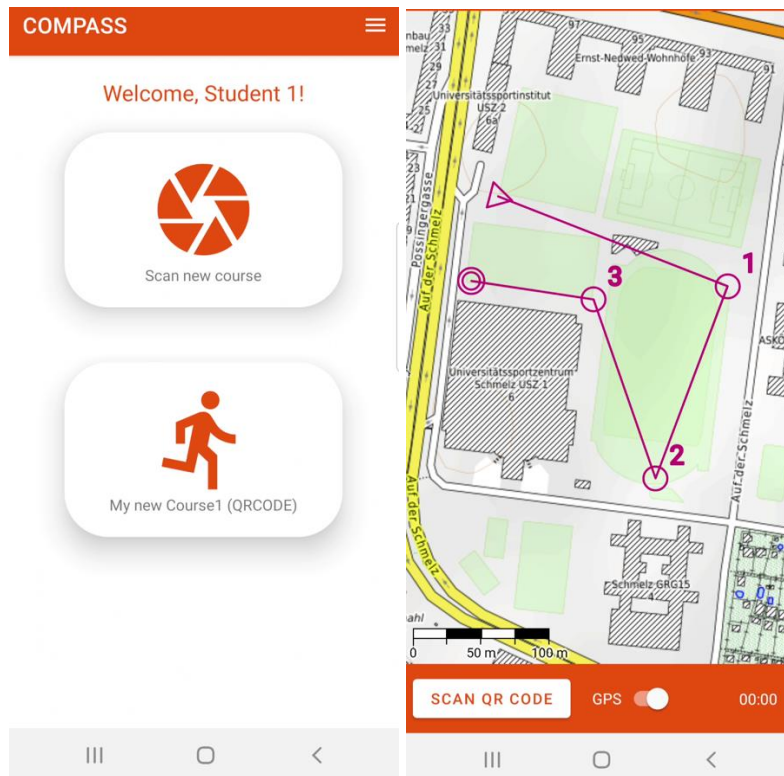


2 Android App

1. After starting the COMPASS App enter your nickname.
2. Then scan the CR-Code for the course you want to use.
3. To download the course data you have to use WLAN or mobile connection. After downloading you do not need an internet connection or WLAN any more.



1. Start the course
2. In Game Mode QR-Code you must scan the QR-Codes for the controlpoints in the right order. You can also track the GPS signal to display it in the results afterwards.
3. In Game Mode GPS the controlpoints will be automatically detected if you enter the defined zone.
4. If you enter a controlpoint with defined questions, you have to answer it.
5. Already reached controlpoints will be marked grey



How many soccer players should be on the field at the same time?

☐ 20

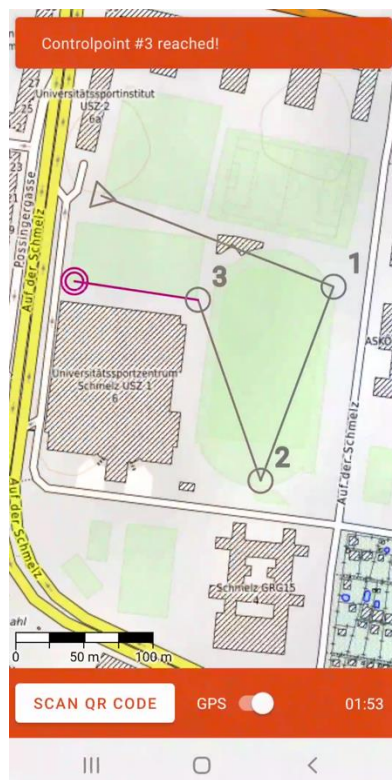
☐ 26

☐ 22

☐ 24

SKIP

Enter



After reaching the last controlpoint the results will be saved and as soon as an internet connection is available, the results will be uploaded to the server and can be viewed and analyzed in the webapp.