

TASK DESCRIPTION

SWANSEA UNIVERSITY - COMPUTER SCIENCE DEPARTMENT

Dear Participant,
thank you for taking part in our study. Please feel free to ask any question to the researcher in any moment.

What Augmented Reality is?

"In fundamental terms, the expression augmented reality, often abbreviated to AR, refers to a simple combination of real and virtual (computer-generated) worlds. Given a real subject, captured on video or camera, the technology 'augments' (= adds to) that real-world image with extra layers of digital information.

Imagine a device which, when you use it to look at something, displays information on whatever you're pointing it at. Focus on a restaurant, and a display pops up giving a menu and customer reviews or look at a historic building, and you're told when and by whom it was built"¹.



FIGURE 1. Example of AR application².

What you will be asked to do?

The study will happen as described:

Initial Questionnaire: This is the study introduction. You will be given with a brief questionnaire to fill about general demographic information and on your skills with mobile technologies.

Playing around with the application: This is the core part of the study. You will be provided with a mobile phone to use a custom mobile phone application: in particular you will be asked to play autonomously according to your preferences, but you will be also assigned with some specific goals to achieve. Please remember to talk aloud (saying out loud everything which comes to your mind) during this part of the study, as it is very important that you share you thoughts with the researcher.

Final Interview: This is the last part of the study. The researcher will ask you few questions about your overall experience using the mobile phone application.

Refreshment: The study is over and you can finally enjoy a small refreshment.

¹<https://goo.gl/lkvavt>

²<https://goo.gl/QvyycM>