

Supervision 1 - Interaction Design 2017/2018

1. Requirements

Suggest some key requirements for each category (functional, data, environmental, user characteristics, usability goals, and user experience goals) for each of the following situations:

- (a) A taxi booking app for use in a city like Cambridge
- (b) An air traffic control system for scheduling takeoffs and landings in a large airport

2. Data gathering

For each of the data gathering techniques below, give two examples: first, of a project where they would be appropriate to use and would generate meaningful and useful data (briefly describe how the data gathering would take place and what kind of data you'll be gathering); second, a project where it would be difficult to use (describe why that is the case).

- Questionnaires
- Interviews
- Ethnographic observation
- Lab based observation
- Focus groups
- Card sorting

3. Question set

Question **1** from the [supervision questions](#).

4. Exam question

Points **a**, **c** and **d** from the [2017 exam question 5](#).