

HCI coursework – final assignment

The goal of this final assignment is twofold: we ask you to perform a field study and to reflect on the different methodologies that were presented during the course, finally building on such experiences to present some design suggestions for improvement.

First of all, we ask you to perform a *field study*. You will need to use the apps as much as possible in your daily life and to document such experience. Moreover, we ask you to try to use the apps within a *social* context, especially within your group: for instance, to organize a night out, to share items with your colleague students, to set up a treasure hunt downtown or to create places and events. You can also consider the point of view of a new student in Trento and create a story that you think may be of interest for him (about university procedures, visa application, trekking...). These are only a few suggestions, but you are very welcome to provide your own scenarios.

The focus is mainly on Journey Planner, Discover Trento and Experience Buster, but you are very welcome to try all of the apps. Please document your usage: this can be done on the usual diary, but also by creating multimedia entries in Experience Buster. Remember that bug reporting should be done on the dedicated forum.

Based on the experience of the field study and of the previous assignments, you can move to the second part. It consists of a *report* in which your group can either suggest improvements to the appearance, functioning etc. of current apps or design a completely new app. In both cases, list the requirements for the new design and provide a rationale for them. We also expect the report to be integrated with at least a *medium-fidelity prototype* of your suggested design: it can include artefacts such as scenarios, storyboards and at least a Balsamiq mockup.

In the report, we also ask you to perform a brief critical analysis of the approaches and tools applied so far in the different assignments, suggesting possible improvements in the experiment methodology, comparing and contrasting the techniques and reflecting on the overall coursework experience.

Each group should write a unique report, integrating the individual and group ideas deriving from the field study. The deliverable is due by **December 14th, 2012 at 5pm**. Please email the report to deuffici@disi.unitn.it.