
02JSKOV - HUMAN COMPUTER INTERACTION

EXAM SIMULATION – 2020-01-16

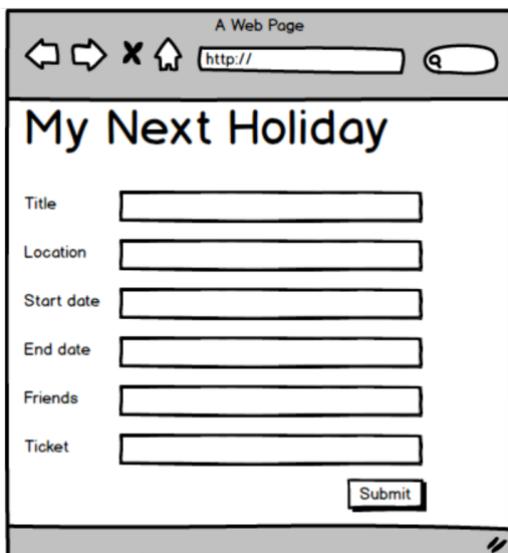
Closed-book exam: no notes or other material are allowed.

Allowed Time: 60 minutes.

The responses should be easy to read (write clearly!) and reasonably short (around 5-10 lines long).

1.

Consider the following fragment of a web wireframe prototype:



The wireframe shows a browser window with a title bar 'A Web Page' and a search bar containing 'http://'. The main content area is titled 'My Next Holiday' and contains a form with six input fields: 'Title', 'Location', 'Start date', 'End date', 'Friends', and 'Ticket'. A 'Submit' button is positioned at the bottom right of the form area.

Describe the main violations to the Nielsen's Usability Heuristics.

2.

Describe the role of the "null hypothesis" in statistical tests, and provide an example in the context of controlled experiments.

3.

In multimodal interfaces, is it preferable to deliver one content over one specific media, only, or to deliver the same content over more than one media? In what cases is either option preferable?

4.

Describe the main differences between *design principles* and *design guidelines*.