

Understanding the Evolution of Interface Design

Due: Monday, November 18, 2019, **9:00 am**

Description

In this assignment, you will examine how the past visionary interfaces that you will learn about in the video lectures for this week have influenced the interfaces we currently use.

Task

Please provide your solution to the following task in the submission format (**Submission Format.pdf**).

In the second part of the History lectures, you will be introduced to three visionary interfaces: *Put That There*, *Apple Knowledge Navigator*, and *Sun Starfire*. In this assignment, you will identify any **eight interaction-based features** from these three interfaces **combined** and then answer the following questions for **each** feature:

- Does this feature **exist** in current devices or technologies?
 - If **yes**, is it different? In what way is it different? If the feature is different, shortly explain why you think the feature has evolved in this way.
 - If **no**, shortly explain why you think the feature has been discontinued. Is there less demand for it from consumers than envisioned? Has the vision not been achieved yet because the technology is still behind? Is there a better feature that serves the same purpose? Or is there another reason?

Of the eight features you should identify at least **three** features that exist in current devices or technologies and at least **three** features that do not. Current devices or technologies include consumer electronics that you can buy, e.g., on Amazon or Kickstarter. Please be as **concrete** as possible when you describe a feature and its evolution. For example, 'voice recognition is so much better now' is not concrete, but 'current voice recognition can accept natural language instead of just specific commands' is concrete.

Deliverables

Prepare the solution as a 4-page PDF document in the submission format (**Submission Format.pdf**). Name your file **A05-GXX.pdf**, where XX indicates your group number.

Submit your PDF via RWTHmoodle.

- Submissions handed in after the deadline will be graded with 5.0.
- Submissions that exceed the provided page limit will lose points (see Submission Format).
- You will lose points if your submission files are incorrectly named.
- You do not have to submit a presentation for this assignment.