

USER INTERFACE DESIGN & IMPLEMENTATION

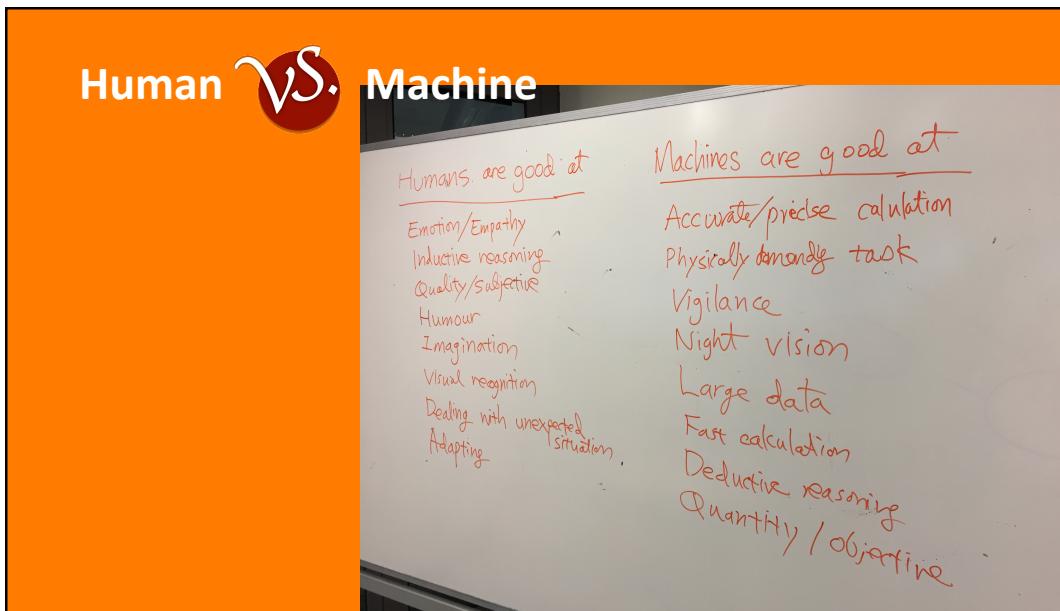
INSTRUCTORS
Hyowon Lee
Prof Larry Young

	Monday (11:30am – 1pm)	Tuesday (4:30 – 6pm)	Thursday (11am – 1pm)
Week 1 (23 Jan)	Introduction/ background	User classification	Project overview, team up
Week 2 (30 Jan)	CNY holiday	UI design concepts	Project - scoping
Week 3 (6 Feb)	UI design concepts	UI design concepts	Project - scoping
Week 4 (13 Feb)	UI design concepts	Understanding Users (Industry)	Project - scoping
Week 5 (20 Feb)	UI concepts / Impact	Evaluation	Project
Week 6 (27 Feb)	Evaluation	Evaluation	Mid-term report/presentation
Week 7 (6 Mar)	Recess Week		
Week 8 (13 Mar)	Project	Project	Project
Week 9 (20 Mar)	Project	Project	Project
Week 10 (27 Mar)	Prof Young Special Lec 1	Prof Young Special Lec 2	Project
Week 11 (3 Apr)	Prof Young Special Lec 3	Prof Young Special Lec 4	Project
Week 12 (10 Apr)	Project	Project	Project
Week 13 (17 Apr)	Project	Project	End-term report/presentation
Week 14	Final Exam		

WHAT WILL WE LEARN TODAY?

- Design Guidelines

... and associated concepts,
principles and examples



Guideline 1: Be consistent

Calibri (\Leftarrow Sans-Serif) ← Predictable behaviour by the system

Times New Roman (\Leftarrow Serif) ← Coherently Combining All Elements in the UI → Layout, colour, font, capitalisation, menu, message style, tone of voice, animation effects, icon style... EVERYTHING!

Guideline 1: Be consistent

Predictable behaviour by the system
Coherently combining all elements in
the UI

5 Usability Criteria

- Efficiency
- Learnability
- Memorability
- Error rate
- Satisfaction

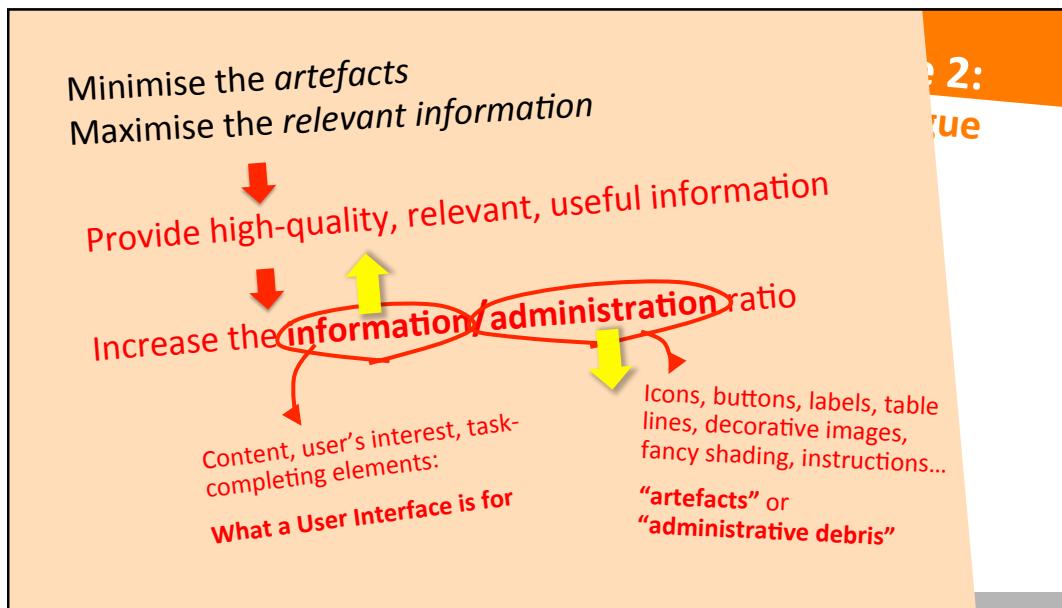
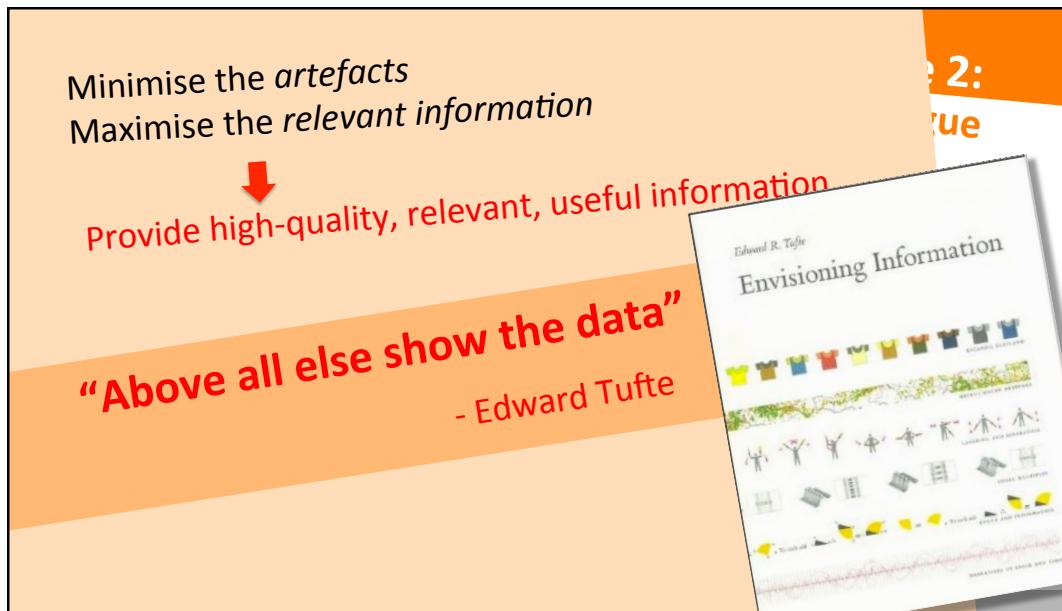
- Layout, colour, font, capitalisation, menu,
message style, tone of voice, animation
effects, icon style... **EVERYTHING!**
- Within a screen/page, across screens/
pages,... **EVERYWHERE!**

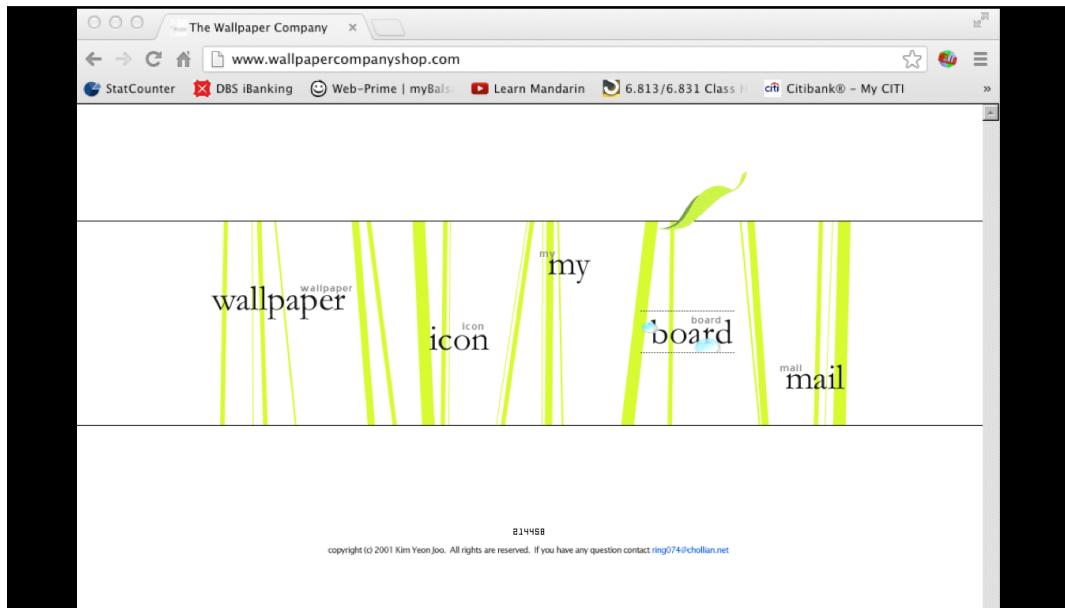
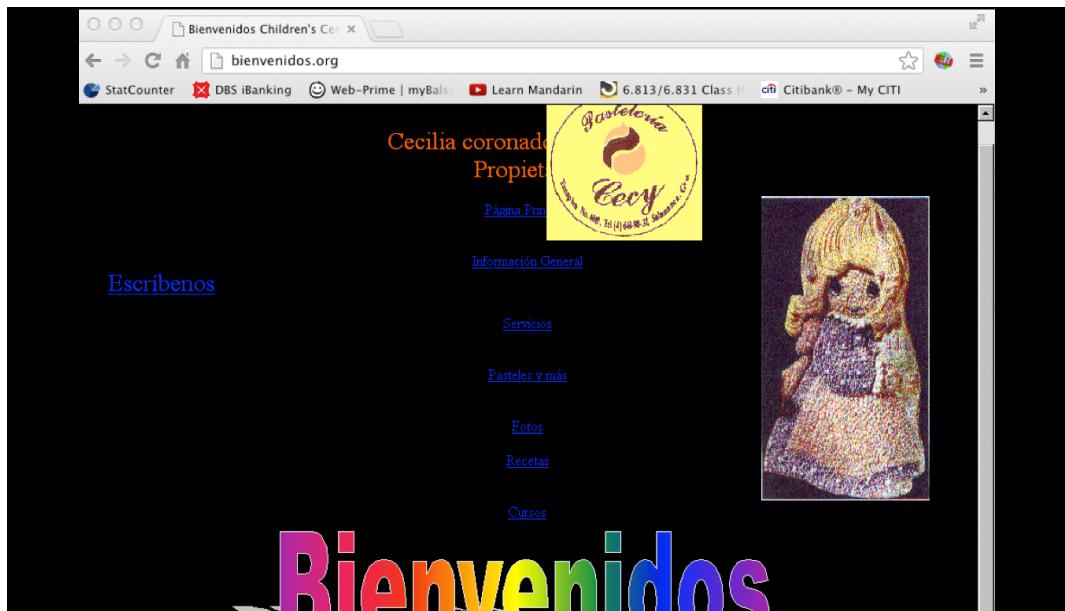


Guideline 2: Simple and natural dialogue

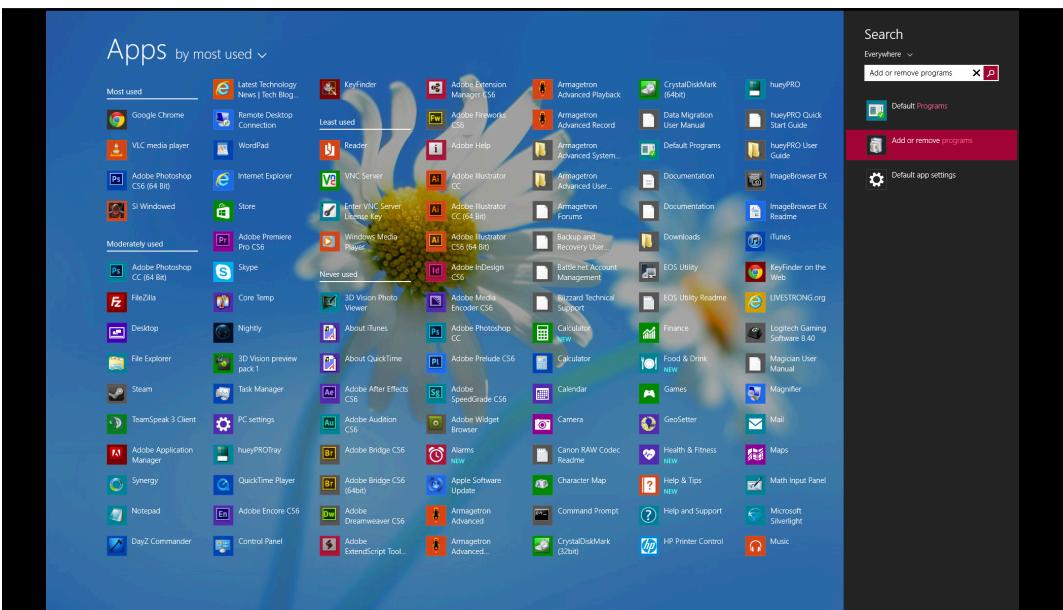
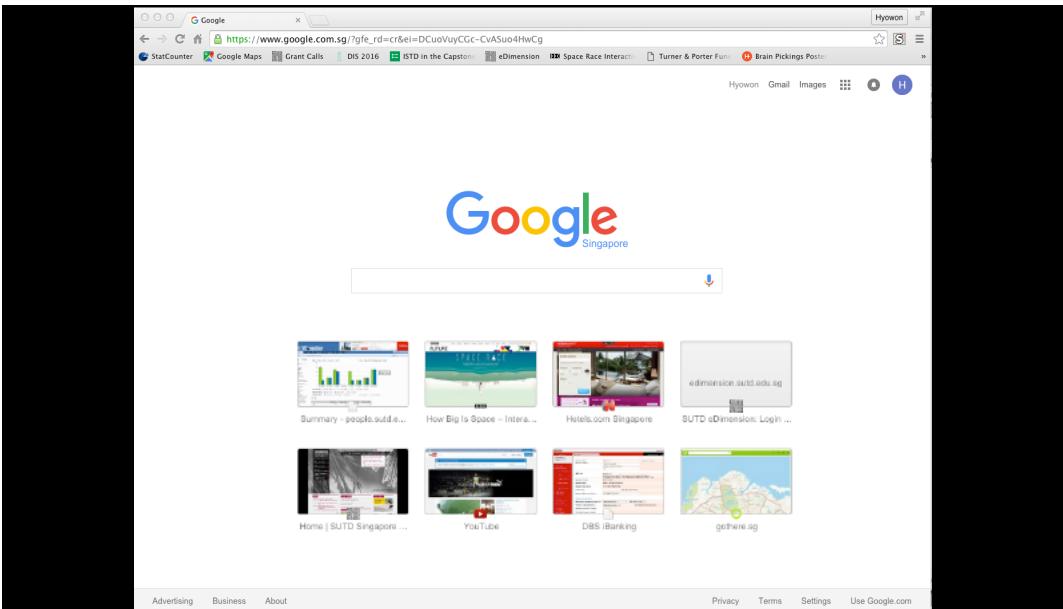
- Minimise the *artefacts*







31/01/2017



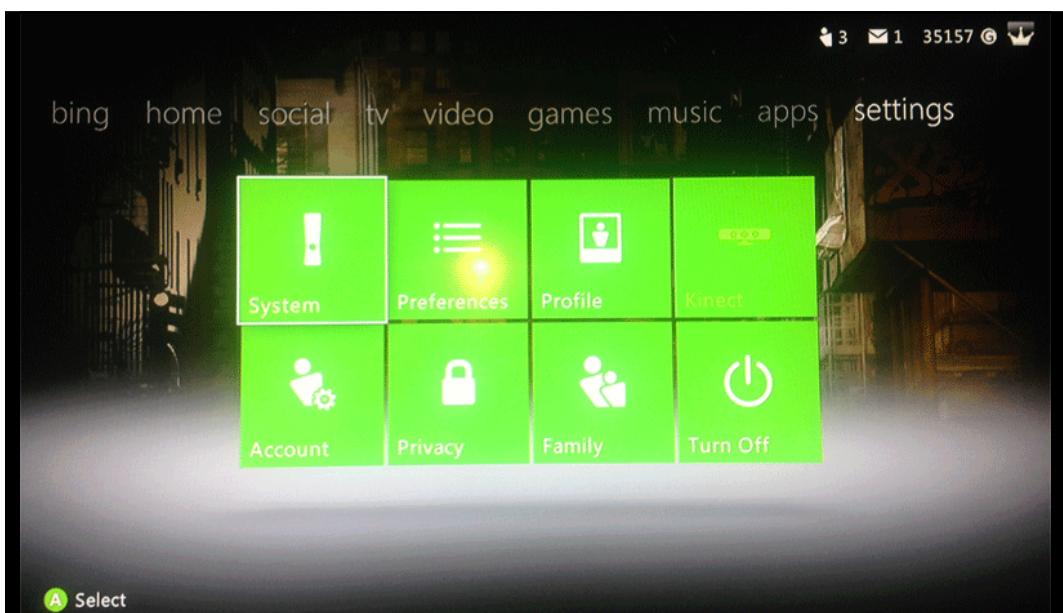
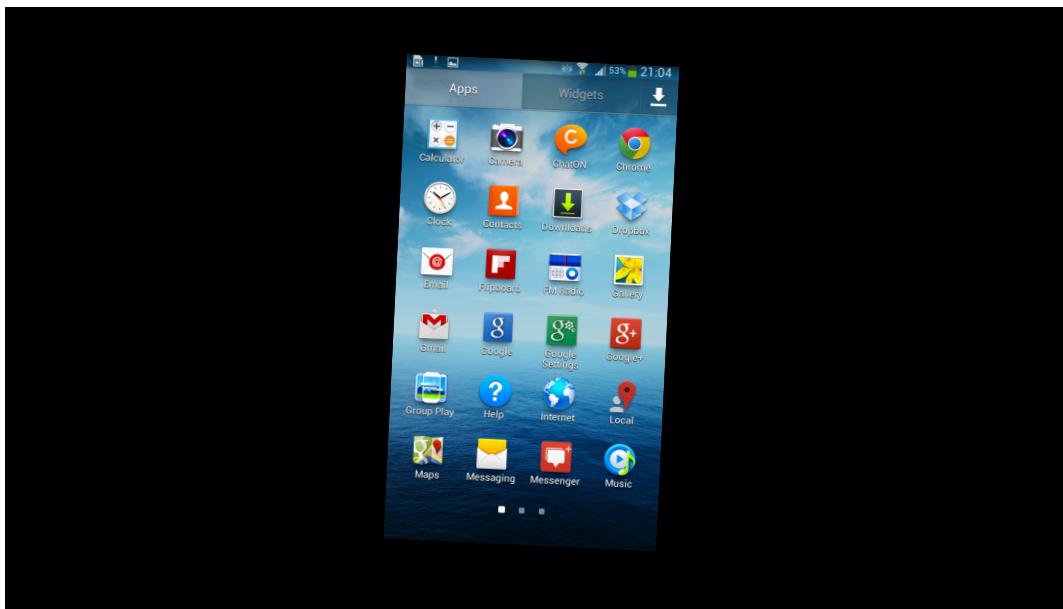
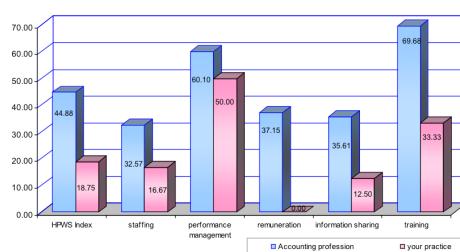


Figure 1 Comparison on Uses of High Performance Work Systems¹Figure 2 Comparison on Uses of High Performance Work Systems²