



CSIT226/826 Human Computer Interaction

Week 6 Tutorial - Handout

DISCUSSION OF KEY TERMS

As a class you will discuss the key terms from week 4.

- MVC (Model View Controller (*OR* MVW – Model View Whatever)
- Information
- Information Presentation
- Menu
- Information Visualization
- Dashboard

INTERACTIVE DASHBOARD DESIGN AND PITCH (IN GROUPS OF 3)

In small groups of three (3) you will be given a topic (random allocation from the list below):

- Consumer Banking (e.g. the first page after logging on your bank)
- Frequent Flyer Program
- Frequent Shopper Program
- Superannuation Fund
- Public Transport with linked travel card (e.g. city rail and opal)

In each tutorial there will be 2 groups looking at each of the topics.

Your task is to design a virtual dashboard. You will initially need to think who would be the typical end-user of your interactive dashboard.

You will need to justify your data presented, design considerations and decisions on layout and visualisation (data, graphs, visualisation etc.) Your dashboard can be designed for the web or for a tablet.

You can choose to sketch your design on paper or create a basic electronic mock-up (PowerPoint or an app like Draw.io). You need to attempt to have some creativity in how the information is displayed.

After your design phase you will be then pitching your design to the rest of the class. During your pitch you need to present the benefits of your design and the information displayed

The rest of the class will then vote for which of the 2 designs is better for each of the topics.

WEEKLY QUESTIONS - INTERFACE CONSIDERATIONS

1. Is multimedia better than tangible interfaces for learning?
2. Is speech as effective as a command-based interface?
3. Is a multimodal interface more effective than a monomodal interface?
4. Will wearable interfaces be better than mobile interfaces for helping people find information in foreign cities?
5. Are virtual environments the ultimate interface for playing games?
6. Will shareable interfaces be better at supporting communication and collaboration compared with using networked desktop PCs?

GROUP MEETING
