CPSC 344 – Week 03 Pre-readings

The pre-reading quiz can be accessed from a link on the course DASHBOARD page (under the calendar). The quiz is due on the date/time indicated in the calendar, typically Tuesday nights.

After completing the pre-readings for Week 3, you should be able to:
- Describe pros/cons of note taking, audio recording and video for recording data.
- Explain the differences between unstructured, structured and semi-structured interviews and compare their suitability for different interaction design activities.
- Explain different formats of questions for questionnaires and how to administer questionnaires
- List techniques for direct observation in the field, observation in controlled settings, and indirect observation, and describe the strengths and weaknesses of each.
- Describe important factors in planning and conducting different types of observation, rationale for degree of experimenter participation, and frameworks for experimenter focus.
- List data gathering techniques useful for generating requirements, and compare focus groups, interviews, and observation, and where relevant, questionnaires, in terms of:
  • types of data that can be generated
  • advantages and disadvantages of each technique
  • what each technique is good for

Texts Required
- Course Textbook (RSP)
  In the textbook, you will often come across ‘Activities’ and ‘Boxes’ that supplement the main text. You are only responsible for reading those that are listed explicitly in the pre-reading info below.

Pre-Readings:

1. Data Recording
   - RSP 4th Ed: section 7.3 (pages 231 - 233)
   - RSP 3rd Ed: section 7.3 (starts on page 226)

2. Interviews - Types of interviews, Planning and conducting an interview
   - RSP 4th Ed: sections 7.4, 7.4.1-7.4.5 (pages 233 - 242); Box 7.2 recommended
   - RSP 3rd Ed: sections 7.4, 7.4.1-7.4.5 (pages 228 - 237); Box 7.2 recommended

3. Questionnaires
   - RSP 4th Ed: section 7.5 (pages 244-252), including Box 7.3, Box 7.4 and Activity 7.3
   - RSP 3rd Ed: section 7.5 (pages 238-245), including Box 7.3, Box 7.4 and Activity 7.3

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4. Observation - Direct Observation and Indirect Observation
- RSP 4th Ed: sections 7.6.0 – 7.6.2 (pages 252 - 262); section 7.6.3 recommended
- RSP 3rd Ed: sections 7.6.0 – 7.6.2 (pages 247-258); section 7.6.3 recommended

5. Choosing and Combining Techniques
- RSP 4th Ed: section 7.7 (pages 269 - 271)
- RSP 3rd Ed: section 7.7 (pp. 261-264)

6. Data collection for requirements
- RSP 4th Ed: section 10.4.0 (pages 361 - 364); Box 10.4 recommended
- RSP 3rd Ed: section 10.4.0 (pages 363-366); Box 10.4 recommended