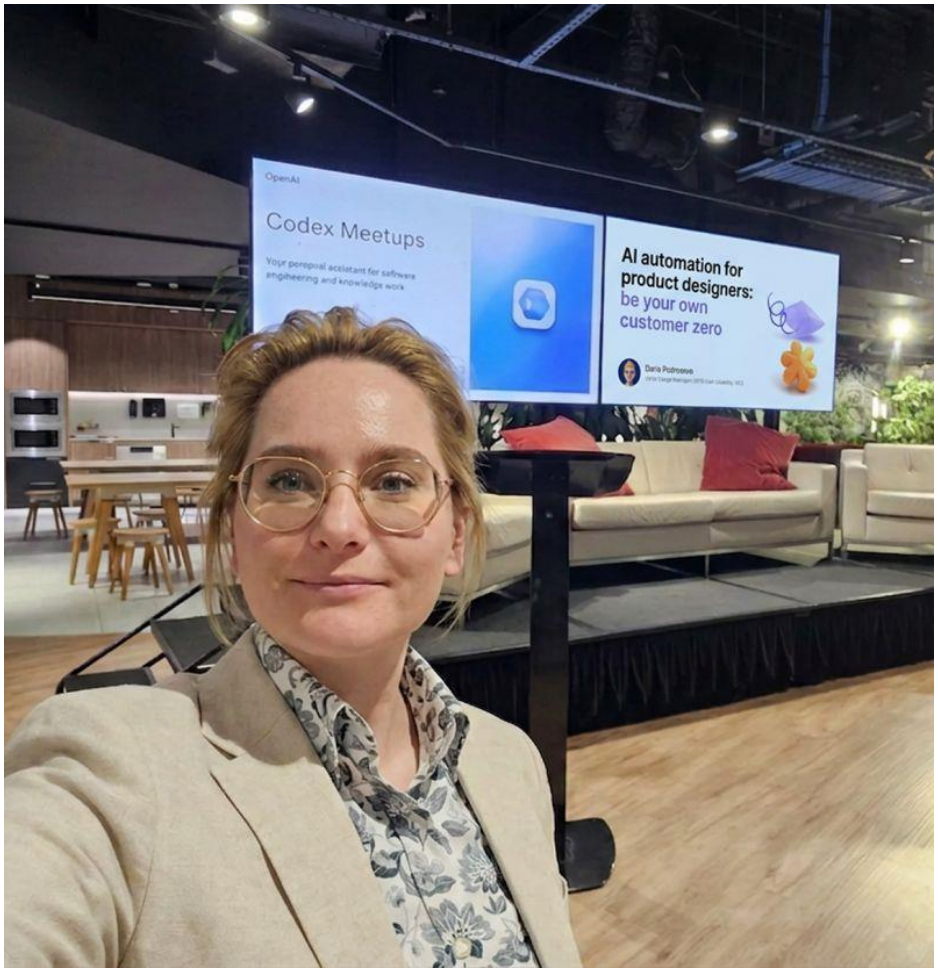
INFO3315 Human-Computer Interaction

Lecture 12

Guest lecture + Exam revision



THE UNIVERSITY OF SYDNEY



Guest speaker: Daria Podrezova

Recap

- Lecture 10:
  - Accessibility
  - Colour
  - Contrast

- Lecture 11 – HCI in action at USyd: Guest Lectures by Shakyani Jayasiriwardene and Russian Wu

INFO3315 Final exam

- Supervised in-person exam
- Check your timetables for the exam time and the venue!

- There are certain rules and regulations governing exams to make sure every student is assessed on a fair and equal basis. It is important for you to become familiar with these instructions before you sit your exam.

- On the day, arrive early to ensure that you have enough time to find your exam room and confirm your seat number. You will be allowed to enter the exam room 15 minutes before the start of the exam.

- Do not bring unnecessary valuable items to your exam. You will be asked to leave your bag in the designated bag area. If you choose to leave your phone in your bag, make sure it is switched off.

INFO3315 Final exam

- You will need to bring one form of valid photo identification to your exam, which includes your full name. We will accept:
  - a University of Sydney student card
  - a passport (Australian or international)
  - an Australian driver's license
  - an Australian photo card
- We are not able to accept identification that has expired. You may use a digital Government-issued ID stored on your phone if you do not have any of the physical IDs mentioned above. A picture or PDF version of a digital ID, or photocopies or photos of your identification will not be accepted.

CONFIDENTIAL EXAM PAPER
This paper is not to be removed from the exam venue

Computer Science
EXAMINATION

Semester 2 - Final 1, 2026

INFO3315 Human-Computer Interaction

EXAM WRITING TIME: 2 hours

READING TIME: 10 minutes

For Examiner Use Only

Q	Mark
All MCQs	

Total _____

EXAM CONDITIONS:
This is a RESTRICTED book exam

MATERIALS PERMITTED IN THE EXAM VENUE:
(No electronic aids are permitted e.g. laptops, phones)

One A4 sheet of handwritten and/or typed notes double-sided

MATERIALS TO BE SUPPLIED TO STUDENTS:
Answer sheet: Gradescope MCQ (single-sided - 100 Qs)

INSTRUCTIONS TO STUDENTS:
You have 50 questions to answer.
Answer all 50 questions in the provided answer sheet (Gradescope MCQ).
Return this question paper.
Please check your examination paper is complete (page numbers in footer of page) and indicate by ticking the box below

INFO3315 Final exam

- **Restricted** book exam, 1 A4 sheet of handwritten and/or typed notes double-sided
- As well as the materials permitted by the examiner, you may also bring the following items into the exam room:
  - your student card, keep it visible on your table throughout the exam
  - stationery such as pens, pencils and eraser
  - small items of food, such as sweets or mints
  - a bottle of water in a clear container

You are not permitted to bring the following items into the exam:

- earplugs (you can ask if they supply during the exam)
- pencil case
- a recording or scanning device or implement

INFO3315 Final exam

- You cannot leave the room in the first 30 minutes of your exam (including reading time).
- You will not be admitted to the exam more than 30 minutes after your exam has commenced.
- Your room supervisor will tell you when you can start writing, and when you have 10 minutes remaining before pens must be put down.
- If you need to use the toilet, quietly notify the supervisor by raising your hand. You should not take any of your belongings to the toilet.
- You cannot leave the exam during the last 10 minutes.
- If you wish to leave before the last 10 minutes of the exam, quietly notify the supervisor by raising your hand.
- At the conclusion of the exam, you need to remain in your seat until exam materials are collected and counted and you have been given permission to leave the exam room.
- You cannot leave the exam room with any confidential papers, including the exam paper, answer book, graph paper, drawing paper or any other materials.
- Be respectful of your peers and remain quiet before, after and during the exam.

Student misconduct

- The University takes any attempt to gain an unfair advantage over other students very seriously.
- If you bring any unauthorised aids or materials into the exam room, you risk confiscation of these items which would then be subject to a report. This may lead to misconduct proceedings under the University of Sydney (Student Discipline) Rule 2016. If misconduct is proven, a range of penalties may apply, including failure in the unit of study or exclusion from the University.
- Watches (both analogue and digital) and electronic devices are not permitted in exams
- No electronic equipment neither dictionaries

How to prepare for the exam

- Lectures [1-10]
- Tutorials
- Assignments

INFO3315 Final exam

- 50 MSQ questions
- 5 options in each question
- 1 or more correct answers
- Negative marking is applied
  - Each correct answer = + (1 / total number of correct answers)
  - Each incorrect answer = − (1 / total number of correct answers)
  - So, if a student got 3 answers correct:
    - Each correct answer = +1/3
    - Each incorrect answer = −1/3
- Write your answers in the supplied Gradescope MCQ answer sheet

Sample exam questions

- **1. Which of the following factors influence a system's Learnability?**
- Select all that apply:
- A. Aesthetic design
- B. Clear and intuitive navigation
- C. Simple and familiar terminology
- D. Ability to customise the interface

- **2. Which features most effectively support high Efficiency in a user interface?**
- Select all that apply:
- A. Keyboard shortcuts and command palettes for frequent tasks
- B. Extensive, step-by-step tutorials embedded in task flows
- C. Streamlined workflows that minimise redundant actions
- D. Interfaces designed with minimal cognitive and visual load

- **3. Which factors best promote good Memorability in digital products after a period of non-use?**
- Select all that apply:
- A. Users can intuitively complete key tasks after time away from the product
- B. Predictable and logically organised interface structure
- C. Regular mandatory retraining sessions for all users
- D. Use of familiar conventions, metaphors, and visual icons

- **4. Which of the following best demonstrate the usability goal of effectiveness in a user interface?**
- Select all that apply:
- A. A visually appealing dashboard that encourages users to explore data even if some functions are inaccessible
- B. A medical software interface that enables doctors to accurately input and retrieve patient records without errors
- C. An app that allows users to customize the interface color scheme and font sizes
- D. An airline booking system that consistently allows customers to complete bookings without incorrect charges or missing information


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Make your voice count – we're listening.
Please take a moment to reflect before responding. Whether your comments are positive or critical, make them specific, informative, and respectful—so they can truly help teaching staff improve and enhance the teaching experience.
As with all your activities at the University, your feedback should comply with the Student Charter.
SYDNEY

- **5. Which characteristics typically enhance user Satisfaction?**
- Select all that apply:
- A. Responsive and fast-loading pages
- B. Predictable interface behavior
- C. Complex features requiring frequent learning
- D. Visually appealing layout
-

- **6. Which design choices most directly improve Learnability for first-time users?**
- Select all that apply:
- A. Offering extensive configuration options immediately upon first launch
- B. Providing interactive onboarding experiences and contextual guidance
- C. Grouping related features and functions using intuitive categorizations
- D. Maintaining consistent terminology and interaction patterns across the system

- **7. Which strategies most effectively minimise the occurrence and consequences of user errors?**
- Select all that apply:
- A. Providing clear feedback and guidance throughout critical tasks
- B. Using confirmation dialogs selectively for actions with serious consequences
- C. Hiding complex features entirely to prevent mistakes
- D. Designing workflows that prevent invalid inputs through constraints and defaults
- E. Offering robust undo and recovery options where feasible

- **8. Which of the following best describe the relationship between Usability, Utility, and Usefulness?**
- Select all that apply:
- A. A product can be usable but not useful if it lacks utility.
- B. A product with high utility always guarantees a good user experience.
- C. Usefulness requires both sufficient usability and utility.
- D. Usability is more important than utility for usefulness.

- **9. Which of the following statements correctly apply to usability and utility in practice?**
- Select all that apply:
- A. Utility is concerned with whether a product offers the features users need.
- B. Usability impacts how easily and pleasantly users can achieve their goals.
- C. A product with poor usability can still satisfy user needs if its utility is high enough.
- D. Usefulness is solely determined by how easy the product is to use.

- **10. A tool that is hard to use but offers powerful features may be considered:**
- Select all that apply:
- A. High in usability
- B. High in utility
- C. Low in usability
- D. Potentially useful if usability improves

To summarise:
What will be covered in the exam?

- Contents of the lectures 1 to 10 inclusive
- Please revise the topics, theories and concepts introduced in these lectures
- Focus on your understanding of the topics, concepts, theories

Week 13

- Lectures – Guest Lecture by Dr. Ying Ma + Exam revision continued
- Tutorial – exam revision

Thank you

- Teaching team:
  - Daria Podrezova
  - Shakyani Jayasiriwardene
  - Jinxu Lin
  - Junjie Zhao
  - Zheyuan Kuang

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KEEP CALM AND GOOD LUCK IN YOUR EXAMS