

CSE4015 – Human Computer Interaction

Digital Assignment - Article Reviews

Due date: 25/10/2022 10:00 PM

You must select only peer-reviewed articles (only journal articles (minimum of 15 pages), search for the articles in sciencedirect.com) for article reviews. Read the articles thoroughly and highlight the following items in your review in own words. Do not copy directly from the paper.

- State the goal of the paper (not the title)
- Discuss background of the article, and what is the new contribution in the paper
- Describe the contribution of the paper (methodology/technique/algorithm)
- Explain how the authors obtained the results (case study/experiment/survey/literature review)
- Explain how the authors evaluated the results (state evaluation metrics and datasets used)
- Highlight the conclusions of the paper
- Reference of the paper in APA format

Keywords/topics:

You can choose a topic to search for an article from the following list (but not limited to);

1. Adaptive and personalized interfaces
2. Affordance and effectiveness
3. Architectures for interaction
4. Entertainment and game user interface
5. Gesture based interaction
6. Face recognition based interaction
7. Eye-gaze based interaction
8. Guidelines and heuristics for designing interfaces
9. Human centered design and user centered design
10. Information visualization
11. Software architecture visualization techniques
12. Interfaces for distributed environments
13. Interfaces in cloud computing
14. Interfaces for large and complex systems
15. Interface visualization
16. Metrics and measurements for usability testing
17. Speech and natural language interfaces
18. User interface development environments
19. Scientific data visualization methods and techniques
20. Psychological/human factors in designing user interfaces
21. Reverse engineering of GUIs
22. Augmented and virtual reality
23. Visualizing medical imaging
24. Interfaces for data retrieval in search engines
25. Child-computer interaction

26. Designing mobile interfaces
27. User interfaces for safety critical systems
28. User interfaces for e-learning, health domain
29. User interfaces for global positioning systems
30. Interfaces for social networks/social media
31. Human robot interaction
32. Evaluation of usability testing
33. Ethical issues in human computer interaction

Answer template:

<i>Reg. No.</i>	
<i>Name</i>	
<i>Email (VIT)</i>	
<i>Topics chosen</i>	
<i>Title of the paper studied</i>	
<i>Published year</i>	
<i>Journal name</i>	

Article review:

Introduction:

Goal:

Background and contribution:

Methodology/technique/algorithm:

Experiment discussion:

Evaluation:

Conclusion:

Reference: