Identifying Challenges in Online Collaborative Interface Design

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DIFFICULTIES IN CURRENT TOOLS

- Do not support tracking and comparing design alternatives
- Lack a formal method for expressing one’s preferred idea and visualizing others’ preferences

PROJECT GOALS

- Learn about HCI research methods
- Redesign and re-implement IdeaTracker in JavaScript
- Conduct an Evaluation Study

PROJECT EXPERIENCE

- Gained insight into Human-Computer Interaction studies
- Learned more about the work of the open source community
- Explored various research techniques
- Look forward to continue work next semester to develop open source product

ACKNOWLEDGEMENTS

- Roshanak Zilouchian
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REFERENCES


Excerpt from a design discussion from Drupal [2]

Drupal issue management system used by designers to search for recently updated issues [1]

Screenshot of IdeaTracker - online visualization tool for managing online interface design discussions. Main screen is shown above, which consists of an interactive timeline showing alternatives and providing summary of comments [3]