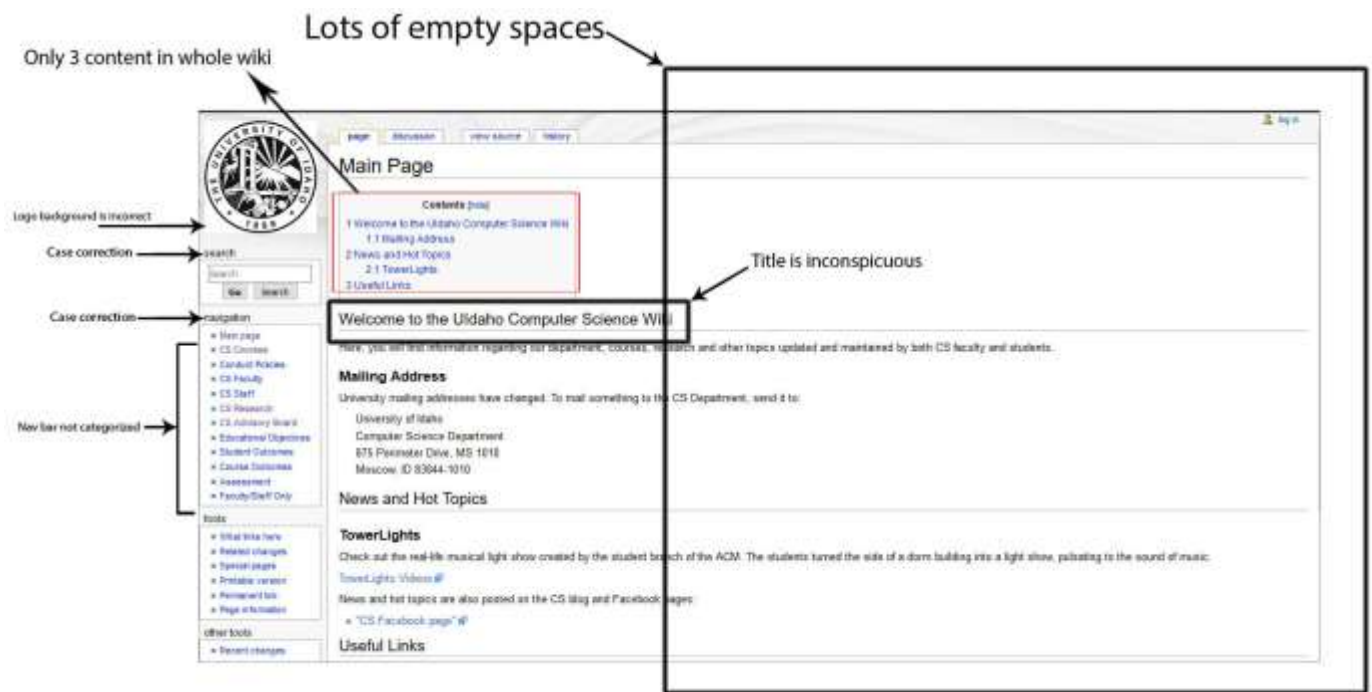# Redesigning and updating the CS wiki

Abstract: As a website designer and a CS major student, I can see the benefits that the redesigned CS wiki page of the university can bring to the students, Computer Science department and the University of Idaho.

Introduction: Goal is redesigning and upgrading the CS wiki page of the university by incorporating innovative ideas.

Background: As a CS major student I have been using the CS wiki page of the university. After doing detailed analysis of the website I have diagnosed the problems and possible solutions. As we know that organization is judged by the website it owns. Wiki pages are even more important than normal websites because it has the feature of going back to time in history. Therefore, timely update of the wiki page and its activeness determines the strength of the organization.

Diagnosis:

1. Main title is inconspicuous.
2. Contents are not organized and updated.
3. Space is not evenly managed.
4. User manual or How to use wiki page is not available at main page.
5. Heading format needs correction.
6. Spelling correction.
7. Quality contents or contents of visitor attraction is missing.
8. Website does not scale on smaller screen.

Screenshot of the website on mobile device

1. Website is almost unusable on smaller screens (screenshot above is taken in 5.5" display -Firefox quantum browser)
2. Navigation bar contents is hidden.
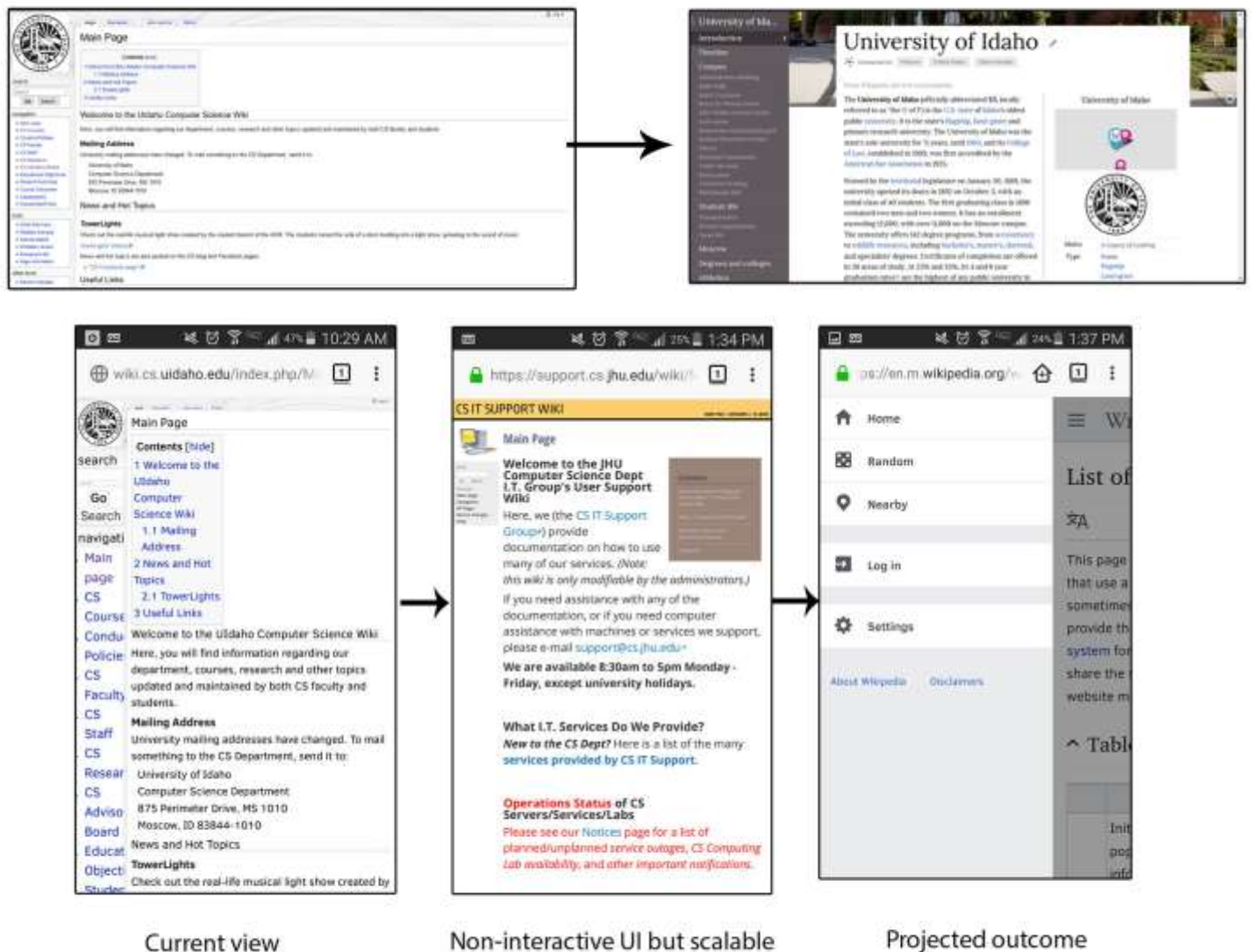3. Search bar is tiny.

Statement of Need:

1. Privacy policies and other important contents should be more prominent on the main page.
2. All the hard copy documents should be categorized into a group and made available for print.
3. How to use Wiki page or user manual should be available on main page for visitors.
4. How to contribute to the page and how to use discussion, history and functionalities should be clear.
5. All the links should be interrelated in confusing manner.
6. Navigation bar should be categorized.

7. Interactive contents should be added.
8. Website must be redesigned for smaller screen compatibility.
9. Website must be scalable and responsive.
10. User login might need to be channeled through university's authorization server.

Project Goals:

1. To increase awareness in the about the importance and power of the CS wiki page.
2. To develop the CS wiki page as the ultimate hub for CS students and faculty.
3. To include user manual at the front page of the website.
4. To make the website more attractive by preserving the current architecture and simplicity.
5. To make the website compatible to modern days displays and browsers.
6. To find vulnerabilities if any.

Projected outcome:

Current view   Non-interactive UI but scalable   Projected outcome

Methodology:

1. The project will be divided into milestones and biweekly analysis of the work is done and compared with the proposed milestones and presented as a memo.
2. Research will be done in the first phase of the project. Information is accumulated by meeting with the people who are concerned with the designing and maintaining the website.
3. All the work will be done as a separate project so that the current functionalities and operation of the website is not disturbed at all.
4. Source code will be cloned in GitHub (if possible) as private repository.
5. Modifications will be made based on bootstrap based library on the clone and branches.
6. Concerned authorities will be added as contributor of the repository so that they can see the changes being made in real time.

Time Frame: The project is will take approximately three months with twenty hours of work per week. It might take longer if other changes are proposed.

Personnel: I am a student at University of Idaho. I work as a freelance graphic and web designer and A-text technician. Links to my portfolio and resume are as follows:

Portfolio

Resume

http://www.hotshell.me/

Budget (Cost Proposal or Financial Plan):

Applicant is willing to accept any form and kind of reward that the concerned authority decides based on the funding or any other factors that affects it.
Applicant is a student who is trying to apply his learnings and make the difference.

Appendices:

http://wiki.cs.uidaho.edu/index.php/Main_Page

http://en.m.wikipedia.org

https://support.cs.jhu.edu/wiki/Main_Page