

Weekly Report - 07

Project Name	Online Research Optimizer
Index No	100055X
Weekly Report No	07
Reporting period	26-09-13 to 03-10-13
Section 1: Activities and Progress	
1.1 Implementation progress <i>Adding new facilities is ongoing and still there are integration problems. The GUI part is almost complete. And the extension is uploaded and checked with the browser.</i> <i>Implementing a web page downloader is ongoing(still have some problems). As for the first part of this phase a single web html file downloader was implemented and still working on it to upgrade it to download a complete web page.</i> <i>Project is in GitHub : https://github.com/vidudaya/OnlineResearchOptimizer</i>	
1.2 Testing progress <i>The testing for the HTML page downloader is carried out using Google Chrome inspection tools and the partially completed project was tested using Google Chromes Extension's developer mode.</i> <i>The project so far is working fine.</i> <i>JavaScript and JQuery method testing was started using an eclipse plug-in. But it is currently paused due to some technical errors. (can't test for browser object passing)</i>	
1.3 Deviations from proposed architecture and design. <i>Due to lack of resources the implementation was still lagging. But the project is almost done.</i> <i>Still there are problems in deleting a highlighter. There is no way to do it so far. And the website downloader is still work for a single URL only.</i>	
Section 2: Risks, Issues and Challenges	
<i>The main challenge is the lack of recourses and knowledge about java script and jQuery. And it will take huge time to go through and understand the Google Chrome's API's.</i> <i>And there are no proper developer community threads for this topic. And JavaScript and HTML injecting methods are not common among those community members so it is hard to seek help from them.</i> <i>Currently I didn't found Google Chrome API to download a complete web page using a script. And it will be a huge issue since the downloader is depend on it.</i>	
Section 3: Next Steps	
<i>The project is almost complete. Have to finalize the project.</i>	