

## Weekly Report - 05

<b>Project Name</b>	Online Research Optimizer
<b>Index No</b>	100055X
<b>Weekly Report No</b>	05
<b>Reporting period</b>	12-09-13 to 19-09-13
<b>Section 1: Activities and Progress</b>	
<b>1.1 Implementation progress</b>	
<p><i>Added a new functionality to the context menu to pronounce a selected text area (used an external API to do that).</i></p> <p><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></p> <p><i>The user interface is upgraded.</i></p> <p><i>Project is in GitHub : <a href="https://github.com/vidudaya/OnlineResearchOptimizer">https://github.com/vidudaya/OnlineResearchOptimizer</a></i></p>	
<b>1.2 Testing progress</b>	
<p><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></p> <p><i>The project so far is working fine.</i></p> <p><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></p>	
<b>1.3 Deviations from proposed architecture and design.</b>	
<p><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></p> <p><i>The context menu is used to add new functionality.</i></p>	
<b>Section 2: Risks, Issues and Challenges</b>	
<p><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></p> <p><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></p> <p><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></p>	
<b>Section 3: Next Steps</b>	
<p><i>Next week I hope to complete the downloader and to add some more features.</i></p>	