

Abstract

On AJAX based web application there are problemt ,problem came from the URL address that doesn't change but remain static that makes AJAX could not be bookmarked based on application state by user. This is happens because the link clicked by user is not hyperlink but the user trigger JavaScript function. Another problem exist comes from the browser history that the web browser doesn't create history entry when user trigger event, this makes backbutton can't work correctly.

This final assignment analysing and implementing bookmarking techniques on AJAX based web applicaton using URL fragment to add URL hash to the URL and to manage backbutton, and hidden iframe technique that used in IE to handle browser history and manage backbutton on it and Really Simple History(RSH) library implement those two techniques.

By implementing URL fragment and hidden iframe technique and RSH on the development AJAX based web application using server side script php to communicate with MySQL database, then the AJAX based web application can be bookmark by the user who uses the web and the backbutton on the web browser can work correctly.

Keywords: *AJAX, back button, bookmark, RSH, URL fragment, hidden iframe.*