Abstract

Development of interactive and responsive web application on mobile device provide need to optimalization of limited *resource* management and compatibility be found on mobile device. AJAX and Flash Lite is technique for developing mobile web application. AJAX using javascript for send the background request to server and get the data without page re*load*. Flash Lite is Adobe mobile runtime for SWF format, designed to mobile device and using SWX RPC for communicate to server.

For determine the best technique that needed at testing process like as *load image content* testing, testing for access the *simple* data, testing for access *complex* data, and testing for capability to run animation. The result of testing, performance of AJAX depend on the browser performance. The Performance for *load* bitmap *image*, AJAX better than Flash Lite. But Flash Lite better than AJAX for *load* the data *simple*, *load* the data *complex* and to running animation on mobile web.

Keywords*: AJAX, Flash Lite, SWX RPC, Interactive, Responsive, Compatibility*