**Instructions to run the project**

The project uses PHP, MYSQL as backend, and HTML,CSS, JAVASCRIPT as front end. It also uses viz.js and underscore.js as additional JavaScript libraries. So, it can be run on any computer which can run PHP as a server. Along with using viz.js and underscore.js JavaScript libraries.

The project can be run on a Windows 8 environment by:

* Installing xampp which also includes MYSQL and PHP. It can be downloaded from: <https://www.apachefriends.org/download.html>. After installing the xampp, open xampp control panel and check if apache module and mysql are running. If not set them to start. Then simply launch the web pages of the websites.
* PHP is used as the back-end along with MYSQL .
* MYSQL workbench for working with SQL queries and statements.
* HTML, CSS for web design.
* JAVASCRIPT for manipulating input. Further, almost the entire project is in JavaScript. The conversion of regular expressions to FSM and other Finite related features are in JavaScript.
* The Viz.js JavaScript file for drawing graphs (Finite State Machines).
* The UnderScore.js file for doing some operations on arrays like union, concat, unique.