

Addressing Success Criteria of the project

HTML pages for static content is there and validated

- All of the html pages have been deployed and were checked to be valid using <https://www.freeformatter.com/html-validator.html>

CSS is used to style the pages according to the screenshots and style guide

- A “template.css” was used to manage the style of all menu pages. Login, registration as well as other parts of the menu pages were managed using CSS within the html files
- The style of the pages was managed to be similar to provided page screenshots

PHP is correct

- All php files are stored in “php” folder
- A “registration.php” and “login.php” were used to manage registrations and logins respectively
- Similarly other php files were used to insert to, delete from and update the MySQL databases as well as retrieve data from external web services

Secure sessions and cookies

- After each login a session was set with user id and name. Session values are made use of throughout the program using “getsession.php”
- Sessions are destroyed after logout using “logout.php” file

Ajax is used

- Ajax calls are used throughout the system to call php files
- Including, actions related to updating MySQL databases, getting session values, retrieving data from external web services

Web Service is used

- External Web Service is used to report infections through a php file “report.php” where cURL post request is used to call the Web Service
- All reported infections are also obtained from the Web Service using “getinfections.php” also making use of cURL

Security is implemented

- The user password is encrypted using salt encryption at the cost of 12.
- Password is verified upon login using “password_verify ()” to match the input password with encrypted stored password also making login secured from certain SQL Injections

Link to the deployed application: <http://ml-lab-4d78f073-aa49-4f0e-bce2-31e5254052c7.ukwest.cloudapp.azure.com:54501/index.php>