URL: http://ml-lab-4d78f073-aa49-4f0e-bce2-31e5254052c7.ukwest.cloudapp.azure.com:59295/COVID-CT/index.php

Explanation of marks

C: Mark scheme

1.HTML pages for static content is there and validated

-Login page, Registration page, Home page, Overview page, Add visit page, Report page, Settings page.

-For all these I wrote the html in php files because nearly all the pages need to be dynamic.

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

-Fonts are correct, Page layouts are correct, Colours are correct, Watermark is correct.

-For this I took the colours from the specification along with the images to make a css file that worked throughout the system.

3.PHP is correct

-To register, To login, To check infection, To create the overview, To add a new visit, To report an infection, To change the settings.

-Nearly all the main pages have php on them, at the top they check for session cookies. And the rest is for the sql queries to the database and the API code.

4.Secure sessions and cookies

-Session is created after login and closed after logout, Session is destroyed after closing, Cookies are used to store the settings.

-A session is created when logging in or registering, and the settings are stored in cookies, all initiated with php.

5.JavaScipt is correct

-To remove a location from the overview, To select a location from the map.

-There is JavaScript to remove the location for the overview and when clicking on the map select a location.

6.Ajax is used

-The corresponding PHP code is valid, The Ajax call is correct. -There is correct php and ajax code to remove locations.

7.Web Service is used

-To report infection, To check for infections. -The web service API is used to report infections and get locations of infections.

8.Security is implemented

-Salt and pepper is used, Page is secure against cross site scripting, Page is secure against SQL injections, HTTPS is enabled. -Salt is used and the site is secure.