EXAM PROJECT

1.1 REPORT

Write a report that has maximum 20 pages. The following is an idea on how you could split your report:

- Front page: Name of the course, your full name, teacher's name, and date

- About your project: Describe the general idea of it

- Goals of the project: Tell us what it is that you want to achieve ? Why you would like to build it ?

- Risks Analysis: Write about things you find difficult, the time constraint ? What could go wrong ?

- Time table: Show a simple "calendar". What you did on a specific date ? Why did you decide to use your time in the way you did it ?

- Tools used: Explain which tools you are using in this project. For example explain very shortly about WAMP, XAMP or MAMP. Which code editor are you using ? Did you use fonts, which ones and why ? Did you use photoshop, why and how ?

- Layout: Write about your considerations about the way the page looks. Why did you make it look this or that way ? Did you show the page to someone ? Did they like it ? What can

be improved ?

- Code Analysis: Write your decisions about using for example a foreach loop instead of a for loop. Let us know why you decided to use a .getJSON function instead of a .ajax function. Describe why you think it is smart to use Bootstrap instead of using plain JS and CSS. Is your code well written ? What could be done better ? Why is it good or bad ? What was the most difficult part of the system ?

- Conclusion: Explain what you reached ? Was it successful ? What problems did you find during the project ? What can you do better ? How will you do it better ?

1.2 WEBSITE

Build a system that fulfills the following requirements:

- It must be a 1 page website and only 1 page. This means that everything is AJAX based

- You MUST use PHP

- The user can login (You can use hardcoded values in the server)

- The page must interact with an external API. This could be the SMS API, Twitter API, Facebook API, or any other API

- The page must use HTML, CSS, JavaScript and JSON

- The page must use JQUERY

- The page must use Bootstrap or Flexbox

- The page must have Desktop Notification

- The page must have sound

- The page must have local storage

You can create any system you like, as far as it covers the mentioned points.