**Hackathon**

*For STEM Week’s Hackathon competition, there are 2 options which you can choose to do for the scenario below. Each section will have a prize for the winner!*

**SCENARIO – Coding Focussed**

Nurse Joy is overwhelmed with the number of patients that are turning up to the Palet Town Hospital. She generally uses a note pad to jot down the name of the patient, age, height, weight, gender, phone number, address, email, injury type and urgency (!, !!, !!!). But she can’t keep up with the number of people coming in! So, she hires a programmer to whip up a system for her to easily place in and access all the information that she would usually write on the notepad.

So, it’s up to you as the programmer to design a website system that will aid Nurse Joy and the citizens of Palet Town.

Critera

Your solution should include the following:

* Ability to take and edit inputs, including:
  + Patient first name
  + Patient last name
  + Patient age
  + Patient height and weight
  + Patient gender
  + Contact information (phone number, email)
  + Injury type
  + Urgency (use the given criteria for this)
  + \*Note that if a patient has multiple injuries over a course of time, this should all be added to the same profile OR have an element which allows for their name to be searched up.
* Save the above information to a centralised data base/file which can only be accessed by authorised users
  + For authorisation, this can be done in two ways:
    - Make it only able to accept a certain criterium (if so, please submit the username and password alongside your main submission)
    - User is able to make an account
* Have an alert system for each classification through having separate lists for each urgency criteria that are posted on the website
* Any other additions are welcome!

**What are we looking for when marking?**

Use and understanding of code elements/logic:

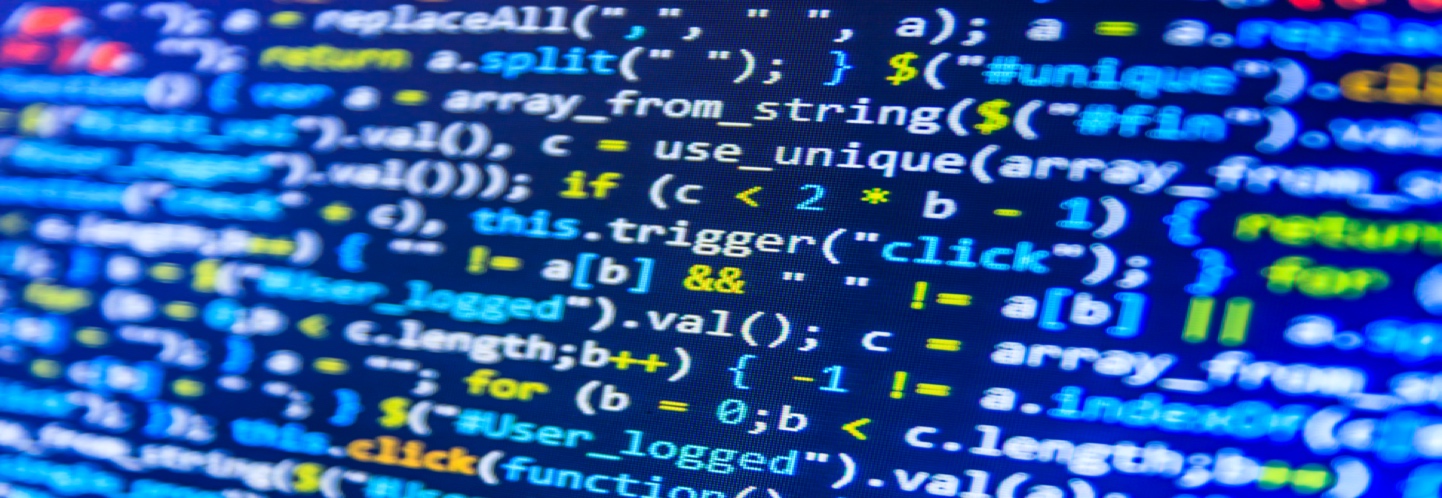
/10

Website Organisation:

/10

Simplicity for user/UI experience (easier to use, the better):

/10



**Alternative – Non-Coding Focussed**

For this section, you can use any format to show your organisation system. The above requirements still apply, however, there will be a heavier focus on the UI/X design!

Possible formats that you could use:

* Excel
* Art (painting, drawing)
* Video explaining your idea
* Website making tools that don’t require code (e.g. Wix)

\*Please note that a mock-up or wireframe will be required in submission

**What are we looking for when marking?**

Ingenuity (more out of the box, the better):

/10

Aesthetic (more cooler looking, the better):

/10

Simplicity for user (easier to use, the better):

/10



**Submission Details:**

Please email your completed submissions to Hivin Silva and Kloe Lashkariov – Lee by 5pm on Friday the 20th of August. The format for each is listed below:

* Coding focussed: A link to your website
* Non-coding focussed – Please pick the most applicable:
  + A PUBLIC link to your video (Please ensure that we can access this). Possibilities include Google Drive.
  + A PUBLIC link to your website
  + PDF file of your mock-ups/wireframes

If you have any questions, please feel free to contact the both of us! We hope you have fun!