**CMP306 Dynamic Web Development 2**

**Tutorial 5 – Security.**

The lecture today covered a large number of topics concerned with security. Make sure you have an understanding of the points and can implement some of these in your coursework. The tutorial will focus on securing the registration page.

You will have a form through which a user can register their details to be stored in your database. For each of these fields:

* Make sure that the database field is of the correct type and length to accommodate the data input.
* Outline a “validate()” or “make-safe()” method that will check the validity of each of the fields. This should include:
  + Ensure the password is **strong** as well as the same as the confirm password.
  + Email address is valid
  + Phone number is valid
  + Make sure names are valid.
* Explore the Google Captcha API and consider implementing this on your site.

**Practical 5 – Security.**

Practical task this week. Implement the security measures on your form.

Each week you are asked to comment on an aspect of your site. This week you are asked to :

* (200 words) Show how you have made the form safe
* (50 words each) Highlight 4 security features that add to your site or are weak within your site.

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