

**COMP1687 Self Assessment Sheet for the 201718 Coursework**  
**This sheet must be completed and submitted with your report**

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URL

<http://stuweb.cms.gre.ac.uk/~ub22320/three/register.php>

Student Use													
Level 1	Account creation	18	0	1	2	3	4	5	6	7	8	9	10
Level 2	Verify account	12	0	1	2	3	4	5	6	7	8	9	10
Level 3	Authentication	10	0	1	2	3	4	5	6	7	8	9	10
Level 4	Member post	12	0	1	2	3	4	5	6	7	8	9	10
Level 5	Image upload	10	0	1	2	3	4	5	6	7	8	9	10
Level 6	Item search	10	0	1	2	3	4	5	6	7	8	9	10
Level 7	Cookie	6	0	1	2	3	4	5	6	7	8	9	10
Level 8	Report	16	0	1	2	3	4	5	6	7	8	9	10
Staff Use													
Self-assessment		6	0	1	2	3	4	5	6	7	8	9	10
Comments													

**Level 1:**

Four pieces of Information required for registration:

Captcha (works?) (Justification of Captcha choice)

Username (duplicate restriction check)

Email (valid email check?)

Password.

Both Client and Server side validation/scripting incorporated?

Demonstration of a successful registration (check the database table).

no client side

No Code working

**Level 2:**

Mail function works – code sent?

Use case 1: register but don't validate right away. Try to login, and check whether you are redirected to the validation page?

Use case 2 (account not validated as yet): Go back to login page, and enter username/password. When redirected to the validation page, enter wrong code initially (check), and then enter the correct code. It should let you in without prompting for username and password again.

**Level 3:**

Password encrypted? Technique?

Weak/Strong?

B-Crypt

HTTPS mandated?

Demonstration with wrong username/password, and then with a successful login.

Session? – Copy URLs from authenticated browsers (after login) into another unauthenticated browser to test. Does typing an "inner" page of website into this browser redirect to login page or give access?

**Level 4:**

CRUD operations (Add/Edit/Delete)

Check how the edit is performed (if the former input appears inside the boxes)

Try with ' and " as part of the input, and HTML markup (&lt;br /&gt;) if breaks? SQL injection handled?

Make sure to verify the database entries as moving along.

validation works

**Level 5:**

Image upload: yes/no? Single/Multiple images for a single post?

Associated with correct properties (view them)?

Delete post (level 4) should delete the associated images. Ensure whether the server files/database entries of the image have been gone as well.

single image upload

**Level 6:**

Search options (e.g., Euclidean distance to start/destination or any other)/combined fields/filters [e.g., without image or something else]

\*Pagination – scalable [i.e., database level?] No pagination

Two different views achieved – one with paginated list [for any viewer], and when clicked on an item, should provide further details (e.g., the user who posted it) – this view only for registered user.

filter bug / 110 search without image

**Level 7:**

Cookie to remember username?

Cookie to remember last search item?

E-Privacy directive [EU Cookie Law] statement?

**Level 8:**

Database schema appropriate? Users &lt;- Post &lt;- Images [or other logical alternatives?]

UML Design: ERD, others (e.g., Use-case, or any other design diagrams)

Report justifies the score of each level? Bug discussion? Strengths/Weaknesses [reflection]

Other comments (if any? – achievements other than the functionality required)