

Weekly Planner Application Code Review

Title
Review of the backend PHP code used to create user accounts and login

Schedule

Event	Date (dd-mmm-yyyy)	Instructions
Deadline for the review comments:	06/08/2018	Reviewers complete inspection logs and sends them to the author by email.
Window of rectification:	07/08/2018	Author consolidates individual logs into a single log and sends it to the participants by email.

Review team

Name	Reviewer Role	Scope	Time Spent
Tristan Kells	Main reviewer	Login.php Logout.php Register.php	2 Hour
Dan Wood	Peer reviewer (Quality Assurance)	The Code Review	1 Hour

File(s)	Line #	Issue	Resolution
Login.php Logout.php Register.php	N/A	There is no comments in any of these files. Code is sufficiently self-readable, but all code files should have at least one comment covering the scope of the file.	Attach at least one comment to all files, and add comments to necessary functions.
Login.php	43	Before the password is checked against the one in the database, it is converted to lowercase. I believe this isn't what should be happening, and passwords should definitely be case sensitive.	Remove a call to toLowerCase(), test that password work with case being considered.
Register.php	N/A	There is no specified response if account registration fails. The php file should return a definitive message if registration fails to happen for any reason.	Add additional potential return value to accommodate for a failed attempt at registering an account.
Register.php	44-60	Doesn't clean all of the input values before saving to DB. This needs to be done to ensure the code is not vulnerable to SQL injection.	Us the php clean function to ensure DB not vulnerable to injection.