Unit Test Add Task

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Objective:
Verify Add Task functional component works correctly.

Setup Phase:
1. Go to admin page https://wwu39.pythonanywhere.com/admin (require admin password), under **Installed applications** list, click manage **prostudy**, and then click Edit. Click on database administration and select db.task. Initially it's empty.
2. Go to the product https://wwu39.pythonanywhere.com/prostudy (SUT) and turn web inspector on.

Exercise & Verify:
1. Without logging in, enter a non-empty task and click "Add," verify that nothing is added to the database. The web inspector reports no server errors.
2. Logging in, enter a non-empty task and click "Add", verify that a new task is added to the database, as well as it's content. Repeat this at least 5 times with different inputs. The web inspector reports no server errors.
3. In both login and not login cases, enter empty task and click "Add." Verify that there is a flash tips saying, "Please enter a task!" in the upper right corner. Verify that nothing is added to the database. The web inspector reports no server errors.
4. In both login and not login cases, enter duplicate task and click "Add." Verify that there is a flash tips saying, "Task exists!" in the upper right corner. Verify that nothing is added to the database. The web inspector reports no server errors.

Tear-down:
1. Clear database table db.task (done via admin page).
2. Delete accounts for testing (done via admin page).