

OnTeam: Birds of Paradise 106-2

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PlanIt Study Assistant

3 testing methods:

1. Login/registration:

Test login with incorrect information to ensure that it properly rejects incorrect login attempts. If the user correctly enters their login information, the website will move them to the home page, displaying all events associated with their account. In the event of an incorrect login attempt, the website should NOT continue to the home page, but should reload the login page with a prompt that states that the login information entered is incorrect. This will ensure that a user cannot move to any page other than the login page without first correctly entering their login information. We will also test registration with invalid emails/passwords to ensure that it correctly requires a valid format. Again, if the user entered invalid information, the registration page will reload and notify the user that they have not entered a valid email or password. Finally, we will test login again with newly registered users to ensure that database updates values so that login runs smoothly. The login page should accept all user-password pairs in the database, and the registration page should be capable of entering new user-password pairs into the database via the user inputs.

2. Calendar:

Test with creating assignments and due dates that require notifications. To test creating assignments we would make a sample assignment and make sure that it gets uploaded to the calendar correctly, which would also test the due dates. If the assignment fails and does not post correctly then an error stating that the assignment could not be posted to the calendar and will instruct the user to try again via pop-up window. To test notifications we would make sure that the timings of reminders are entered into the computer correctly and that the notifications on the home page show up on the correct days, please see the next feature test requirement below for more information on how we will test the Notifications.

3. Notifications:

To test the notification/ reminder system of our app, we can create assignments with a specific due date. When the date is reached, we can attempt to notify the user through email or a visual cue on the home page (such as a modal notification). If the user would like to be reminded a set time before the due date, we can also send an email at the desired time. In order to test the notification aspect of our app, we must make sure that we have a working due date timer.