

## Form Tests

*As an existing user, I would like to be able to rate how stressful or de-stressing certain events are on my calendar.*

### Legend

	Severe
	Important
	Workaround

1. Stresses Form 000, rating selected
  - a. User selects a stress rating for a calendar event
  - b. The rating is applied to the event and all recurring ones
2. Stresses Form 001, rating not selected
  - a. User does not change stress level
  - b. No rating is applied to the event
3. Submit Button 000, Clicks and Finishes
  - a. Click the Submit button
  - b. Pop says "Form Completed!", and navigates to Calendar
4. Submit Button 001, Form Incorrectly filled out (empty)
  - a. Blanks are empty, and hit submit
  - b. Error message , "Invalid input."
5. Submit Button 001, Form Incorrectly filled out (Code Snippets)
  - a. Blanks have JS or SQL commands, and hit submit
  - b. Error message , "Invalid input."
6. Suggestions Form 000, Reschedules events
  - a. User checks off stressful events
  - b. The backend reschedules these events
7. Suggestions Form 001, Does not reschedule events
  - a. User does not check off stressful events
  - b. The backend does nothing to the calendar

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## Login/Registration Tests

*As a new user, I would like to be able to create a new user. (only Google OAuth login, includes setup)*

### 1. Initial Register Button 000, Click Works

- a. Click the "Register" button
- b. Navigates to registration form

### 2. Register Button 001, Navigates to Stresses Form

- a. Input random, valid inputs to form, and click "Register"
- b. Return error, "Those are not valid credentials"

### 3. Register Button 002, Sanitizes Inputs

- a. Input code snippet, and click "Register"
- b. Return error, "Those are not valid credentials"

*As an existing user, I would like to be able to log into the app.  
(only Google OAuth Login)*

### 4. Login Button 000, Click Works

- a. Click the Login Button
- b. Login the User using Google Credentials

### 5. Login Button 001, Multiple Clicks

- a. Click the Login Button twice.
- b. Login the User using Google Credentials

### 6. Login Button 002, User doesn't have credentials

- a. User clicks Login (with no account create before)
- b. Error message displayed, "Those are not valid credentials"

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## Calendar Tests

*As an existing user, I would like to be able to import my Google Calendar.*

### 1. Import Calendar Button 000, Click Works

- a. Click the "Import Calendar" button
- b. Popup box appears asking which calendar should be imported

### 2. Import Calendar Button 001, Click Fails

- a. Click the "Import Calendar" button, but mock an error response from the server
- b. Popup flashes that the calendars were unable to be retrieved

### 3. Import Calendar Button 002, Calendar Selection Works

- a. Select a calendar from the list

- b. Calendar information is populated in the application

#### 4. Import Calendar Button 003, Calendar Selection Fails

- a. Select a calendar from the list, but mock an error response from the server
- b. Popup flashes that the calendar was unable to be imported

*As an existing user, I would like to be able to rate how stressful or de-stressing certain events are on my calendar.*

#### 1. Stress Rating Button 000, Button Appears Normally

- a. View the calendar while there are unrated events
- b. Stress Rating Button is rendered normally

#### 2. Stress Rating Button 001, Button Appears Grayed Out

- a. View the calendar while all events are rated
- b. Stress Rating Button is rendered grayed out and is unclickable.

#### 3. Stress Rating Button 002, Click Works

- a. Click on the stress rating button while there are unrated events
- b. Navigates to Stresses Form

#### 4. Stress Rating Button 003, Click Fails

- a. Click on the stress rating button while there are unrated events, but mock a response from the server
- b. Popup flashes that the stress form is unavailable

*As an existing user, I would like to see how stressful each day in my upcoming week will be.*

#### 1. Stress Indicator 000, Renders Correctly

- a. View the calendar
- b. Each event's stress level is clearly indicated by color. If an event is unrated, that is also clearly indicated by color.

*As an existing user, I would like to be able to see suggestions popup to help me make my extremely stressful days less stressful.*

#### 1. Suggestion Button 000, Button Appears Normally

- a. View the calendar
- b. Given that the server has suggestions to make your schedule less stressful, the suggestion button renders normally on the calendar view.

#### 2. Suggestion Button 001, Button Appears Grayed Out

- a. View the calendar

- b. Given that the server does not have suggestions to make your schedule less stressful, the suggestion button renders grayed out and is unclickable.

### 3. Suggestion Button 002, Button Appears Grayed Out on Error

- a. View the calendar, but mock an error from the server in response to the suggestions call
- b. The suggestion button renders grayed out and is unclickable.

### 4. Suggestion Button 003, Click Works

- a. Click on the suggestion button
- b. Navigates to the Suggestion Form

### 5. Suggestion Button 004, Click Fails

- a. Click on the suggestion button, but mock an error response from the server
- b. Popup flashes that the suggestions could not be retrieved

*As an existing user, I would like to be able to manually set my stress level of an event*

### 1. Unrated Event Click 000, Click Works

- a. Click on an event on the calendar that does not have a stress rating
- b. Event detail view renders

### 2. Unrated Event Click 001, Click Fails

- a. Click on an event on the calendar that does not have a stress rating, but mock an error response from the server
- b. Popup flashes that the event details could not be retrieved

### 3. Unrated Event Detail Icon Click 000, Click Works

- a. While on the detail view, click the icon designating that the event is unrated
- b. Popup appears to select manual rating

### 4. Stress Level Selection 000, Update Succeeds

- a. Select a stress level from the dropdown, and hit submit
- b. Event detail page renders with updated stress level

### 5. Stress Level Selection 001, Update Fails

- a. Select a stress level from the dropdown, and hit submit, but mock an error response from the server
- b. Event detail page renders without updated stress level, and popup flashes that the event could not be updated