

Milestone 5 Unit Testing – Due Week 14 (Dec 3) The unit test plan is the fifth deliverable required from the team. All the information listed below must be included and the test files should be in place by 5pm on the due date.

User Acceptance Test Plans Create a document that describes how at least three features within your finished product will be tested. The test plan should include specific test cases (user acceptance test cases) that describe the data and the user activity that will be executed in order to verify proper functionality of the feature.

Automated Test Cases Provide link to the tool you use to automate testing, or explain how to run the automated test cases or schedule time with the TAs to demonstrate your automated tests. Provide a copy of the output showing the results of the automated test cases running.

Submission format: This project milestone 5 submission should be a file named TESTING.md with the following contents included in your github repository: Who: List of people on the team Title: of the project Vision: from Project Milestone 1 Proposal Automated Tests: Explanation and Screenshot (see above) User Acceptance Tests: Copy of at least three UAT plans

Who: Colin O'Connell, Bryan Heiser, Michael Nicolaou, Ariel Riggan, Justin Davis

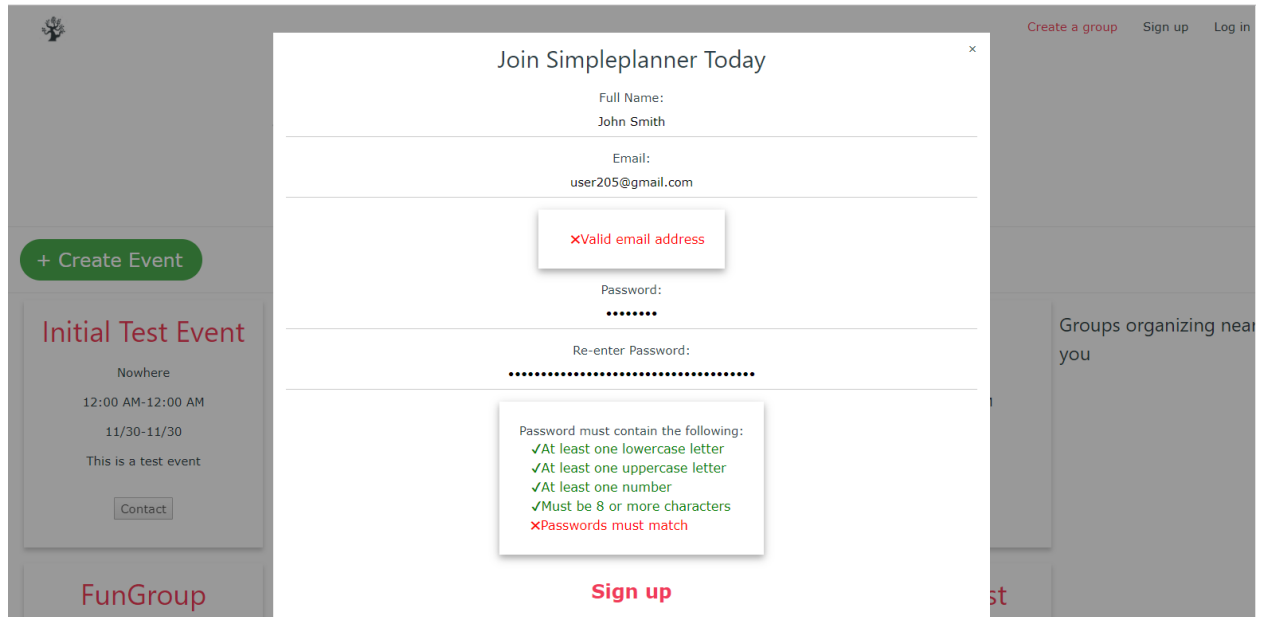
Title: Simpleplanner

Vision: We simply want to offer an application for everyone that allows members to coordinate an event without the hassle of having to create an entire social networking account.

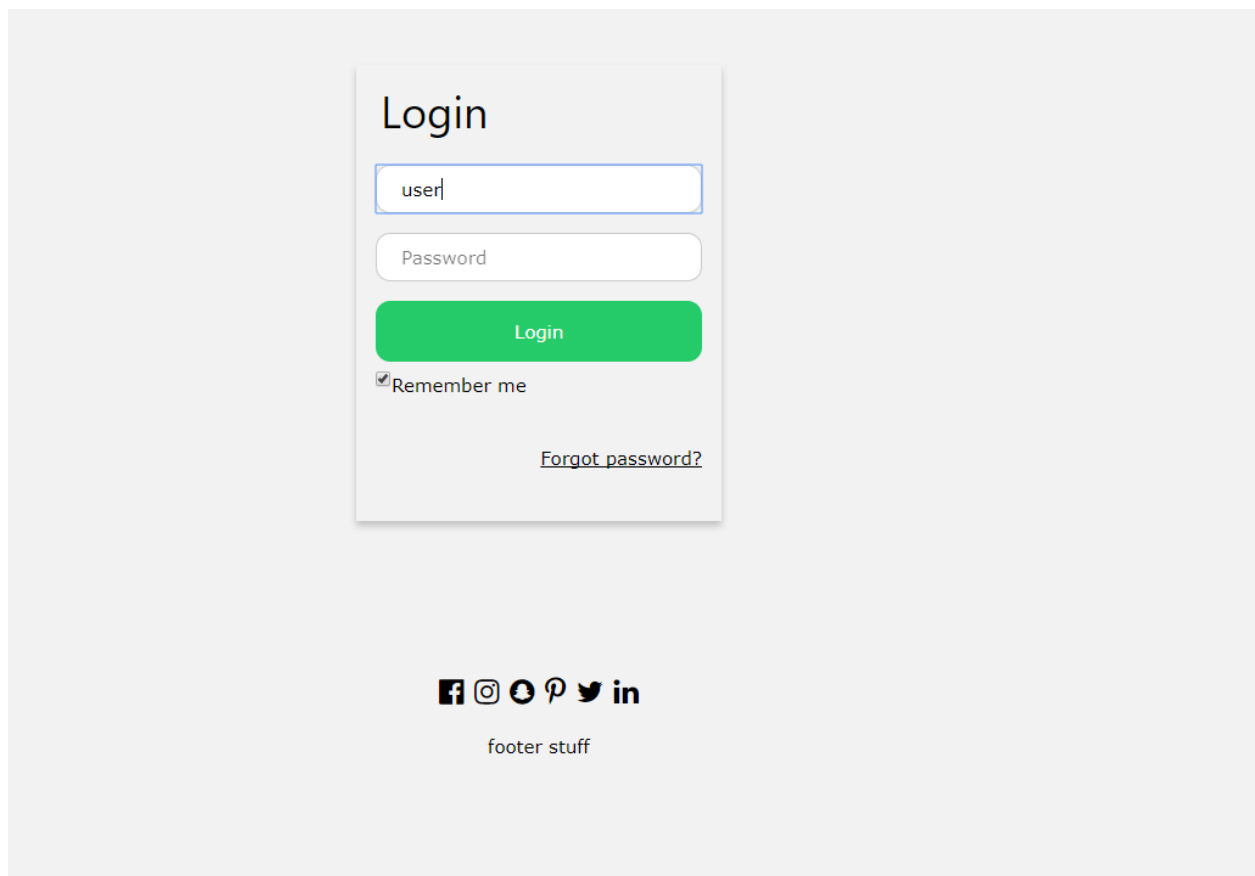
Automated Tests: We made the tests with a program called TestComplete. You can start a free trial here: <https://smartbear.com/product/testcomplete/overview/>. Once the software is installed, open the project attached and go to advanced->script and then you should see Unit1, Unit2, Unit 3 in the left hand menu. Open each and click the play button with the lines behind it in the top left corner above the script. This will start the automated walkthrough on your computer.

There are 3 features currently being tested using this automated method: create event, log in, and sign up.

Here is an in progress screenshot of the sign up automation running:



Here is a screenshot of the log in automation running:



Lastly, here is a screenshot of the create event automation running:

The image shows a web application interface with a modal form titled "Create an Event!". The form contains the following fields:

- Event Title: Birthday Party
- Start Time: 1pm
- End Time: 4pm
- Location: Kevij
- Host: (empty)
- Description: (empty)

At the bottom of the form is a red button labeled "Create Event".

The background of the application shows a sidebar on the left with a green button "+ Create Event" and a card for "Initial Test Event" with details: "Nowhere", "12:00 AM-12:00 AM", "11/30-11/30", and "This is a test event". The top navigation bar includes links for "Create a group", "Sign up", and "Log in". The bottom of the page displays a list of groups: "FunGroup", "FunGroup", "FunGroup", and "newnewtest".

User Acceptance Tests:

The beta-test users can test 3 main functionalities of the website: signing up/logging in, creating a new event, and the general functionality of the home page. The user will try these in a normal webpage layout as well as on a mobile device. There will be multiple users to test this so as to get the full use out of the website to have events and groups with multiple users. They would give us back a detailed report on their results and any ideas for fixes or improvements.

Signing Up and Logging In: The user will attempt to create an account and try many types of names, emails, and passwords to make sure it only accepts valid forms. From there, they will make sure that they can log in correctly using the login page and that it accepts the account previously made. The user will then use other functionality to ensure that it keeps them logged in and able to see all events relative to them on the homepage and that the account page displays their correct information.

Creating a New Event: The user will attempt to create a new event and try different types of input for title, start/end times, location, tags, etc. From there, they will make sure that they are tied to it as the host and verify that the data they input shows up correctly on the event cards. They will also test to make sure that private events only show up on the page for those invited to it.

Home Page Functionality: The user will test all functionality of the home page. They will verify that all buttons work and display the correct information after clicked. They will verify that the event cards section only shows relevant events to them and that they are displayed properly. The user will also verify that the map correctly shows the relevant events.