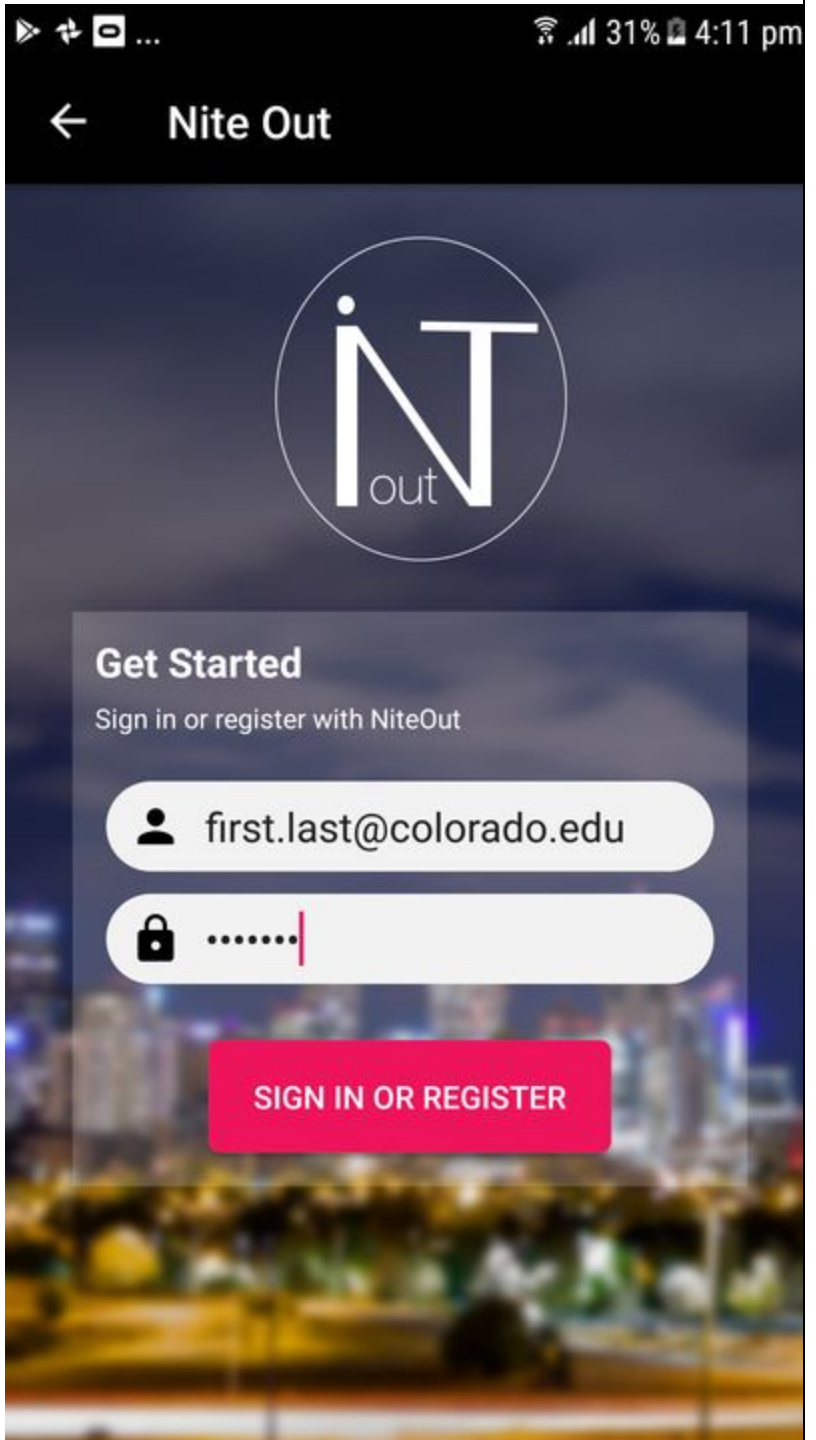


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Team 44: Nite Out

Vision Statement: We hope to bring people in local communities closer by making local event descriptions, and times easily accessible.

User Acceptance Test Plans	<ol style="list-style-type: none"><li>1. username/password<ol style="list-style-type: none"><li>a. User registers for our app<ol style="list-style-type: none"><li>i. Information is sent via HTTP POST to write user information on our database</li></ol></li><li>b. Returning user signs into our app<ol style="list-style-type: none"><li>i. Information is retrieved via a HTTP GET request from our database</li></ol></li></ol></li><li>2. App can use location<ol style="list-style-type: none"><li>a. Allowing the app to track your current location to retrieve events near the location. Using network, WiFi, and GPS satellites the app will read the location of each phone that registers.</li></ol></li><li>3. Event pins information<ol style="list-style-type: none"><li>a. When user taps on visible pins information will pop up about the event with the option to get directions to the event via google maps app. All of the information is accessed via the Eventful API using a GET request and then we parse the received JSON to extract the information we need.</li></ol></li></ol>
Automated Test Cases	<ol style="list-style-type: none"><li>1. Front-end: <a href="https://developer.android.com/training/testing/espresso/index.html">https://developer.android.com/training/testing/espresso/index.html</a></li></ol>



```
@Test
public void useLoginPage() throws Exception {
    onView(withId(R.id.email)).perform(typeText( stringToBeTyped: "first.last@colorado.edu"));
    onView(withId(R.id.password)).perform(typeText( stringToBeTyped: "asdf123"));
    closeSoftKeyboard();

    onView(withId(R.id.email_sign_in_button)).perform(click());

    onView(withId(R.id.map)).check(matches(isDisplayed()));
}
```

Using espresso, the test automatically fills in targeted text boxes with pre-determined information. This login test fills in the username and password fields, signs in to the login page, then checks that the app has reached the maps screen. The screenshot is taken midway through the test.

2. Tests for databases located in
  - a. [team44backend/appbackend/api/tests.py](https://github.com/team44backend/appbackend/api/tests.py)