# Test Cases

# for

# PlanIT

**Version 1.0 approved**

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| Test Case #: 1 | Test Case Name: Create Account |
|---|---|
| **System:** PlanIT<br>**Designed by:**<br>**Executed by:**<br>**Short description:** Can a user create an account on the PlanIT web application? | **Subsystem:**<br>**Design Date:**<br>**Execution Date:** |

**Pre-conditions**
1. The system displays the home page

| Step | Action | Expected System Response | Pass/Fail | Comments |
|---|---|---|---|---|
| 1 | Click the "Create Account" button | Display prompts to enter email and password, and confirm password | | |
| 2 | Enter an unregistered email and a valid password | Send a confirmation link to the email to confirm the account | | |
| 3 | Click confirmation link | Display a message confirming that the user has created an account | | |

**Post-conditions**
1. Email and password stored in database

| Test Case #: 2 | Test Case Name: Login |
|---|---|
| **System:** | **Subsystem:** |
| **Designed by:** | **Design Date:** |
| **Executed by:** | **Execution Date:** |
| **Short description:** Can a user log in to the PlanIT web application using an account that has been created? | |

**Pre-conditions**

1. The system displays the login page

| Step | Action | Expected System Response | Pass/Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Login" button | Display prompts for email and password | | |
| 2 | Enter an email and password that match a pair in the database | Display home page with user logged in | | |

**Post-conditions**

| | |
|---|---|
| **Test Case #:** 3<br>**System:**<br>**Designed by:**<br>**Executed by:**<br>**Short description:** Can a user log in to the PlanIT web application using an account that has not been created? | **Test Case Name:** Failed Login<br>**Subsystem:**<br>**Design Date:**<br>**Execution Date:** |

**Pre-conditions**
    2.  The system displays the login page

| Step | Action | Expected System Response | Pass/Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Login" button | Display prompts for email and password | | |
| 2 | Enter an email and password combination that does not match a pair in the database | Display failed login message and prompts user with a "password reset" option | | |

**Post-conditions**
    1.  Login page is still displayed

| | |
|---|---|
| **Test Case #:** 4<br>**System:**<br>**Designed by:**<br>**Executed by:**<br>**Short description:** Can a user register an account with an email that has already been linked to an existing account? | **Test Case Name:** Failed Registration<br>**Subsystem:**<br>**Design Date:**<br>**Execution Date:** |

**Pre-conditions**
   3.  The system displays the login page

| Step | Action | Expected System Response | Pass/Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Login" button | Display prompts for email and password | | |
| 2 | Enter an email that has already been used to create an account | Display failed login message and prompts user with a "password reset" option | | |

**Post-conditions**
   2.  Login page is still displayed

| Test Case #: 5 | Test Case Name: Create Event |
|---|---|
| System: | Subsystem: |
| Designed by: | Design Date: |
| Executed by: | Execution Date: |
| Short description: Can a logged-in user create an event? | |

**Pre-conditions**
1. The user is logged into an account
2. The system displays the home page

| Step | Action | Expected System Response | Pass/ Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Create event" button | Display event page with prompts for event details | | |
| 2 | Enter event details, click "Create" button | Email notifications are sent to users added to the event; event is added to "Manage events" page of all users involved | | |

**Post-conditions**
1. The event details are stored in the database

| Test Case #: 6 | Test Case Name: Manage Event |
|---|---|
| **System:** | **Subsystem:** |
| **Designed by:** | **Design Date:** |
| **Executed by:** | **Execution Date:** |
| **Short description:** Can a user who has created an event, edit & manage that event? | |

**Pre-conditions**
1. The user is logged in to an account
2. The system displays the home page

| Step | Action | Expected System Response | Pass/ Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Manage events" button | Display "Manage events" page with a list of events | | |
| 2 | Click the desired event | Display event page with chat and details | | |
| 3 | Click "Edit event" | Display a list of prompts for event info | | |
| 4 | Change event info, click "Confirm" | Display new event page | | |

**Post-conditions**
1. The event info is updated in the database

**Test Case #:** 7
**System:**
**Designed by:**
**Executed by:**
**Short description:** Can a logged-in user view a calendar of their events?

**Test Case Name:** View Calendar
**Subsystem:**
**Design Date:**
**Execution Date:**

**Pre-conditions**
1. The user is logged in to an account
2. The system displays the home page

| Step | Action | Expected System Response | Pass/ Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Calendar" button | Display calendar page that includes all events the user is a part of | | |

**Post-conditions**

| Test Case #: 8 | Test Case Name: View Contact List |
|---|---|
| System: | Subsystem: |
| Designed by: | Design Date: |
| Executed by: | Execution Date: |
| Short description: Can a logged-in user view their contact list? | |

**Pre-conditions**
1. The user is logged in to an account
2. The system displays the home page

| Step | Action | Expected System Response | Pass/Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Contacts" button | Display contacts page with a list of added users sorted by last name | | |

**Post-conditions**

| Test Case #: 9 | Test Case Name: View Profile |
|---|---|
| **System:** | **Subsystem:** |
| **Designed by:** | **Design Date:** |
| **Executed by:** | **Execution Date:** |
| **Short description:** Can a logged-in user view their profile? | |

**Pre-conditions**
1. The user is logged in to an account
2. The system displays the home page

| Step | Action | Expected System Response | Pass/ Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Profile" button | Display profile page with user's details | | |

**Post-conditions**

| Test Case #: 10 | Test Case Name: Edit Profile |
|---|---|
| **System:** | **Subsystem:** |
| **Designed by:** | **Design Date:** |
| **Executed by:** | **Execution Date:** |
| **Short description:** Can a logged-in user edit their profile? | |

**Pre-conditions**
1. The user is logged in to an account
2. The system displays the user's profile page

| Step | Action | Expected System Response | Pass/ Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Edit profile" button | A list of prompts for user's details is shown | | |
| 2 | Change information, click "Confirm" | Display new user profile page | | |

**Post-conditions**
1. The user's information is updated in the database
2. Updated profile page is displayed

| Test Case #: 11<br>System:<br>Designed by:<br>Executed by:<br>Short description: Can an administrator of an event manage the privileges for other event members? | Test Case Name: Event Member Management<br>Subsystem:<br>Design Date:<br>Execution Date: |
|---|---|

**Pre-conditions**
1. The user is logged in to an account
2. The system displays an event page
3. The user is an administrator of the event

| Step | Action | Expected System Response | Pass/ Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Members" button | Display a list of users by name | | |
| 2 | Click on a user's name | Display a list of details from the user's profile, and a "Privileges" button | | |
| 3 | Click "Privileges" button | Display a list of all privileges with checkboxes | | |
| 4 | Change user's privileges, click "Confirm" | Return to user list | | |

**Post-conditions**
1. User's privileges for the event are updated in the database

| **Test Case #:** 12 | **Test Case Name:** Event Communication |
|---|---|
| **System:** | **Subsystem:** |
| **Designed by:** | **Design Date:** |
| **Executed by:** | **Execution Date:** |
| **Short description:** Can members of an event with the given privilege send messages/notifications in the public event chat? | |

**Pre-conditions**
1. The user is logged in to an account
2. The system displays an event page
3. The user has the required privileges to send messages in the chat

| Step | Action | Expected System Response | Pass/ Fail | Comments |
|---|---|---|---|---|
| 1 | Enter a message, click "Send" | The message is displayed at the bottom of the event chat log; other members are notified by email | | |

**Post-conditions**
1. Chat log is updated with the given message

**Test Case #:** 13
**System:**
**Designed by:**
**Executed by:**
**Short description:** Can an administrator create user groups from an event page?

**Test Case Name:** Event Group Management
**Subsystem:**
**Design Date:**
**Execution Date:**

**Pre-conditions**
1. The user is logged in to an account
2. The system displays an event page
3. The user is an administrator of the event

| Step | Action | Expected System Response | Pass/ Fail | Comments |
|------|--------|--------------------------|-----------|----------|
| 1 | Click "Create group" | Display prompts for the group name and users to add | | |
| 2 | Enter name and users, click "Create" | Display updated event page with new group shown | | |

**Post-conditions**
1. The new group's information is stored in the database

| Test Case #: 14 | Test Case Name: Reset Password |
|---|---|
| **System:**<br>**Designed by:**<br>**Executed by:**<br>**Short description:** Can a user select a login option to reset their password via their registered email? | **Subsystem:**<br>**Design Date:**<br>**Execution Date:** |

**Pre-conditions**
1. The user is logged in to an account
2. The system displays the login page

| Step | Action | Expected System Response | Pass/<br>Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Change password" button | Display confirmation prompt, alerting the user that an email will be sent with a link to reset their password | | |
| 2 | Click the link in the email | Display prompts for the new password, and to confirm the password | | |
| 3 | Click "Confirm" | Alert the user that the password was changed; display home page | | |

**Post-conditions**
1. The user's password is updated in the database

| Test Case #: 15 | Test Case Name: Add Contacts |
|---|---|
| System: | Subsystem: |
| Designed by: | Design Date: |
| Executed by: | Execution Date: |
| Short description: Can a registered user add a contact to their contact list? | |

**Pre-conditions**
1. The user is logged in to an account
2. The system displays the contacts page

| Step | Action | Expected System Response | Pass/ Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Add contact" button | Display a prompt for the new contact's email address or name | | |
| 2 | Enter email address or name of user, click "Add" | Send an email to the given address with links to accept and decline | | |
| 3 | The added contact accepts the request | The added user is added to the contact list | | |

**Post-conditions**
1. Contact lists of both users are updated in the database

| Test Case #: 16 | Test Case Name: Manage Calendar |
|---|---|
| **System:** | **Subsystem:** |
| **Designed by:** | **Design Date:** |
| **Executed by:** | **Execution Date:** |
| **Short description:** Can a registered user sort their calendar of events by week, month, & year? | |

**Pre-conditions**
1. The user is logged in to an account
2. "View Calendar" page is displayed

| Step | Action | Expected System Response | Pass/ Fail | Comments |
|---|---|---|---|---|
| 1 | Click "sort by" dropdown menu and select week, month, or year | The calendar is sorted by the chosen time interval | | |

**Post-conditions**

| Test Case #: 17 | Test Case Name: Search for Events |
|---|---|
| System:<br>Designed by:<br>Executed by:<br>Short description: Can a registered user search for public event groups? | Subsystem:<br>Design Date:<br>Execution Date: |

**Pre-conditions**
1. The user is logged in to an account
2. The system displays the home page

| Step | Action | Expected System Response | Pass/<br>Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Browse events" button | Display a list of events by popularity or location (zipcode) | | |

**Post-conditions**

| Test Case #: 18 | Test Case Name: Join Public Events |
|---|---|
| **System:**<br>**Designed by:**<br>**Executed by:**<br>**Short description:** Can a registered user join public events? | **Subsystem:**<br>**Design Date:**<br>**Execution Date:** |

**Pre-conditions**
1. The user is logged in to an account
2. The system displays the home page

| Step | Action | Expected System Response | Pass/<br>Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Browse events" button | Display a list of events by popularity or location (zip code) | | |
| 2 | Click on an event | Display a list of event details, and "Join event" button | | |
| 3 | Click "Join event" button | Display event page for the joined event | | |

**Post-conditions**
1. The user's event list is updated in the database
2. The event's member list is updated in the database

| | |
|---|---|
| **Test Case #:** 19<br>**System:**<br>**Designed by:**<br>**Executed by:**<br>**Short description:** Can a user invite another user to an event (public or private)? | **Test Case Name:** Invite to Events<br>**Subsystem:**<br>**Design Date:**<br>**Execution Date:** |

**Pre-conditions**
1. The user is logged in to an account
2. The user possesses the required permissions to invite members to the event
3. The user is inviting one of their added contacts
4. The system displays an event page

| Step | Action | Expected System Response | Pass/Fail | Comments |
|---|---|---|---|---|
| 1 | Click "Invite" button | Display a list of the user's contacts | | |
| 2 | Click on a user | Display a confirmation prompt | | |
| 3 | Click "Ok" | Send the selected user an invitation email; return to the contact list | | |

**Post-conditions**
1. The invited user has received an invitation via email

| Test Case #: 20 | Test Case Name: Join Private Events |
|---|---|
| System:<br>Designed by:<br>Executed by:<br>Short description: Can a registered user join private events (with an invitation)? | Subsystem:<br>Design Date:<br>Execution Date: |

**Pre-conditions**
1. The user has an account
2. The user has received an event invitation email

| Step | Action | Expected System Response | Pass/<br>Fail | Comments |
|---|---|---|---|---|
| 1 | Click invitation link in email | Display event page | | |

**Post-conditions**
1. The user's event list is updated in the database
2. The event's member list is updated in the database