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# BeforeYouGo – Grader's Guide

## Introduction

**BeforeYouGo** is a Princeton-specific web application that helps students track, complete, and share iconic Princeton experiences before they graduate. It provides a collaborative, location-aware bucket list platform where users can:

- Browse and filter a curated *global* list of recommended events.
- Create and manage a *personal* bucket list.
- Add *subtasks* to track incremental progress.
- Collaborate with *friends* via shared group events.
- *Rate and comment* on experiences.
- Submit new events for the entire community.
- Visualize activity with progress bars and an interactive *Google Map*.

Users log in using their Princeton CAS NetID. All features, including private list management and shared events, are accessed through a clean, responsive web interface.

BeforeYouGo is live and hosted at <https://beforeyougo.onrender.com>. No local installation is required. The system has been pre-populated with all required data for grading, including the following public event:

All use cases in this guide are designed to be executed sequentially. At no point should a system reset be required. If at any point changes are required, or questions arise, please contact the development team via email.

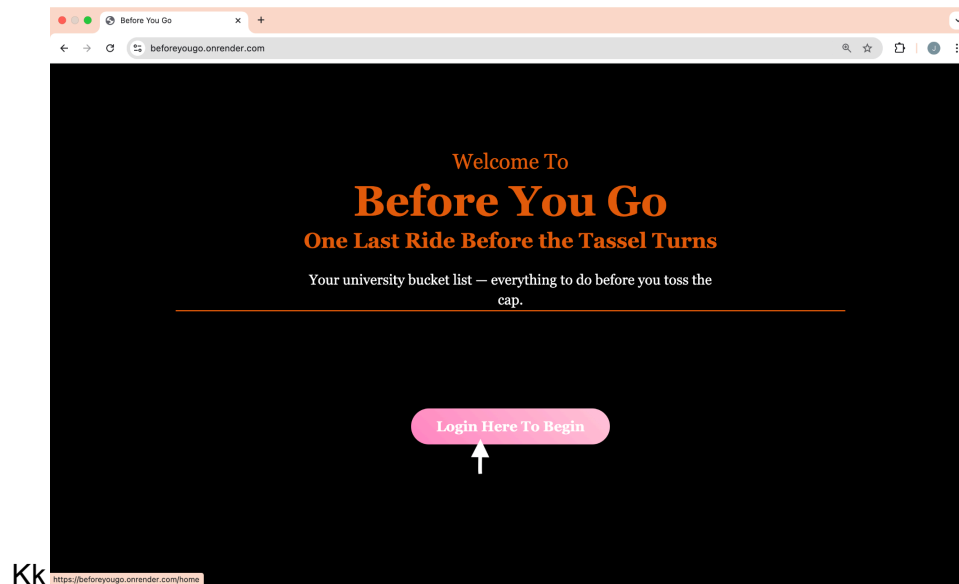
# I. Getting Started

## Use Case 1: Accessing the System

**Goal:** Access the BeforeYouGo application and verify the successful login via Princeton CAS.

### Instructions

1. Open a web browser (preferably Google Chrome or Firefox).
2. Navigate to the following URL: <https://beforeyougo.onrender.com>
3. You should be directed to the landing page; click Login Here to Begin



4. You will be redirected to the **Princeton CAS login page**. Log in to the application as an ordinary user with your *primary netid* and password as issued to you by Princeton.
  - a. Note: the developers have instructed that graders will have two netids, the *primary netid* initially issued to them by Princeton, and a *secondary netid* for the purposes of COS 333. You will need this secondary id to log in to the application later as an administrator.
  - b. Accordingly, we have designated the following netids as administrators in our application:
    - i. Ambri Ma: cs-jiaweim; Jessica Dong cs-jd9751; Bob Dondero cs-rdondero
  - c. Please ensure that these are correct, but that you are currently logged in with your primary id (which does *not* begin with 'cs-')
5. Upon successful login, you will be redirected to the **BeforeYouGo homepage**.

### Expected Outcome

You have now:

- Successfully logged in through Princeton CAS.
- Landed on your personalized dashboard.

## II. Working with Your Personal Bucket List

### Use Case 2: Add a Public Event to Your Personal List

**Goal:** Add the curated public event “Climbing Wall” to your personal bucket list.

#### Instructions:

1. From the navigation bar at the top (header) of the screen, click **Browse** to go to the global bucket list page.
2. In the search bar labeled “**Search by Keyword**”, type: “Climbing Wall”. Click the Search button.
3. You should see the event titled **Climbing Wall** appear. Click the orange link: ‘Add to My List’
4. You will be redirected to your personal bucket list. Confirm that **Climbing Wall** now appears under “Your Bucket List”

The screenshot shows the 'Before You Go' website interface. At the top, there's a navigation bar with 'Browse', 'My List', 'Admin', and 'Log Out'. Below the navigation bar, the 'Events' section is displayed. A search bar labeled 'Search by Keyword' is present, with a 'Search' button. Below the search bar, there are filters for 'Sort By' and 'Category'. The main content area shows a grid of event cards. Each card includes the event name, location, description, and an 'Add to My List' button. The 'Climbing Wall' event is highlighted with an arrow pointing to its 'Add to My List' button.

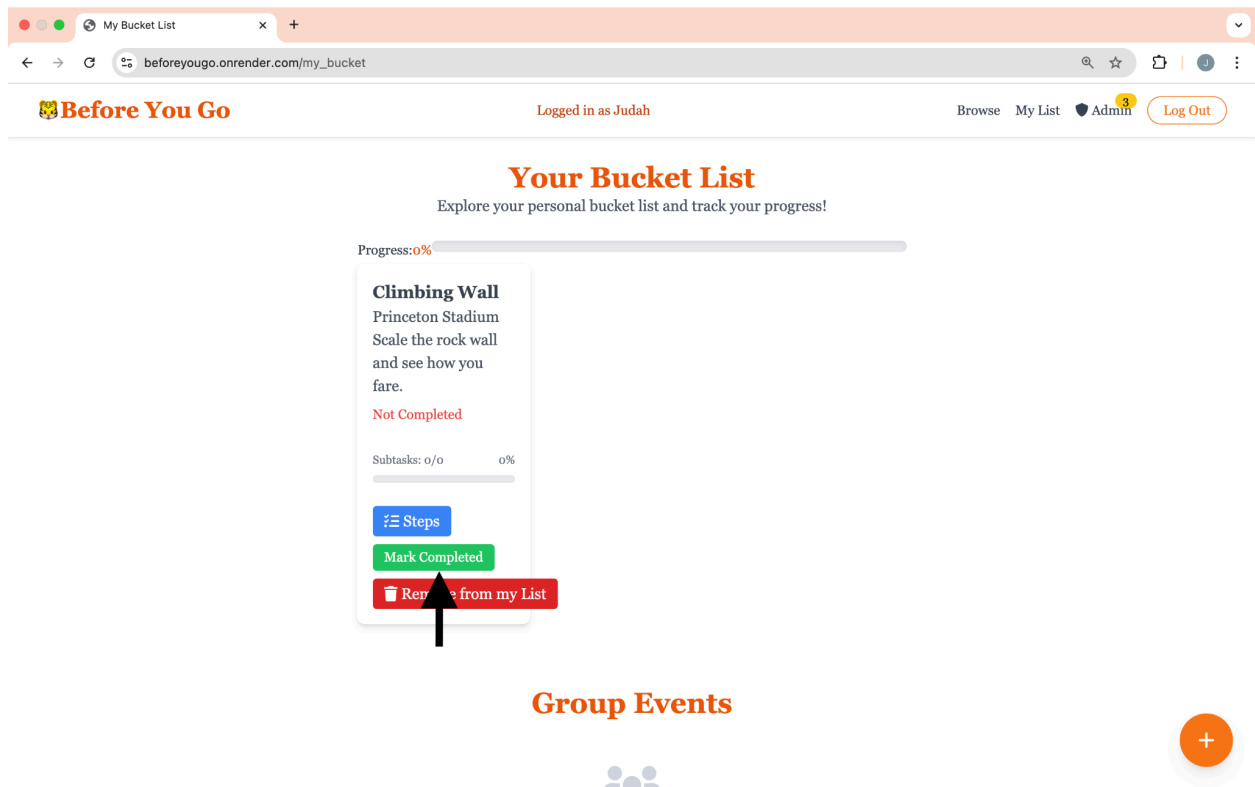
Event Name	Category	Location	Description	Action
Amish Farmers Market	Food	Trenton Area	Eat and shop at the Amish market.	+ Add to My List
Ceramics Studio	Creative	New College West	Make clay pots.	+ Add to My List
Climbing Wall	Athletic	Princeton Stadium	Scale the rock wall and see how you fare.	+ Add to My List
Danny DeVito Shrine	Quirky	Frist Campus Center	Visit the shrine of Danny DeVito.	+ Add to My List
Graduate College Tower	Historic	Graduate College	Climb to the top for a great view.	+ Add to My List
Grounds for Sculpture	Artistic	Hamilton, NJ	Explore the outdoor sculpture museum.	+ Add to My List
Maker Space	Creative	Lewis Library	3D-print and create what you can imagine.	+ Add to My List
PNI Monkey Lab	Academic	PNI	Tour the cognitive neuroscience facilities.	+ Add to My List
PPPL	Academic	Plasma Physics Lab		
Princeton Airport Flight Class	Adventure			
Princeton Battlefield Tour	Historic			
Princeton Tunnels	Adventure			

## Use Case 3: Mark and Reset a Personal Event as Completed

**Goal:** Mark the Climbing Wall event as completed, then reset it back to incomplete.

### Instructions:

1. From your current spot on the “My List” page, locate the **Climbing Wall** item.
2. Click the **Mark Completed** button under the event card.
3. Observe that the changes on the page:
  - The words **Not Completed** in red should turn to **Completed** in green.
  - The button text changes to **Reset**.
  - The progress bar above the card should match the percent of items on your list completed - at this point, 100%
4. Now click the **Reset** button.
  - Imagine, for example, that you marked it complete by accident, or that you realized you were mistaken and it was yet incomplete.
5. The event should revert to its initial incomplete state, with the progress bar reflecting the change - at this point, it should show 0% completion.

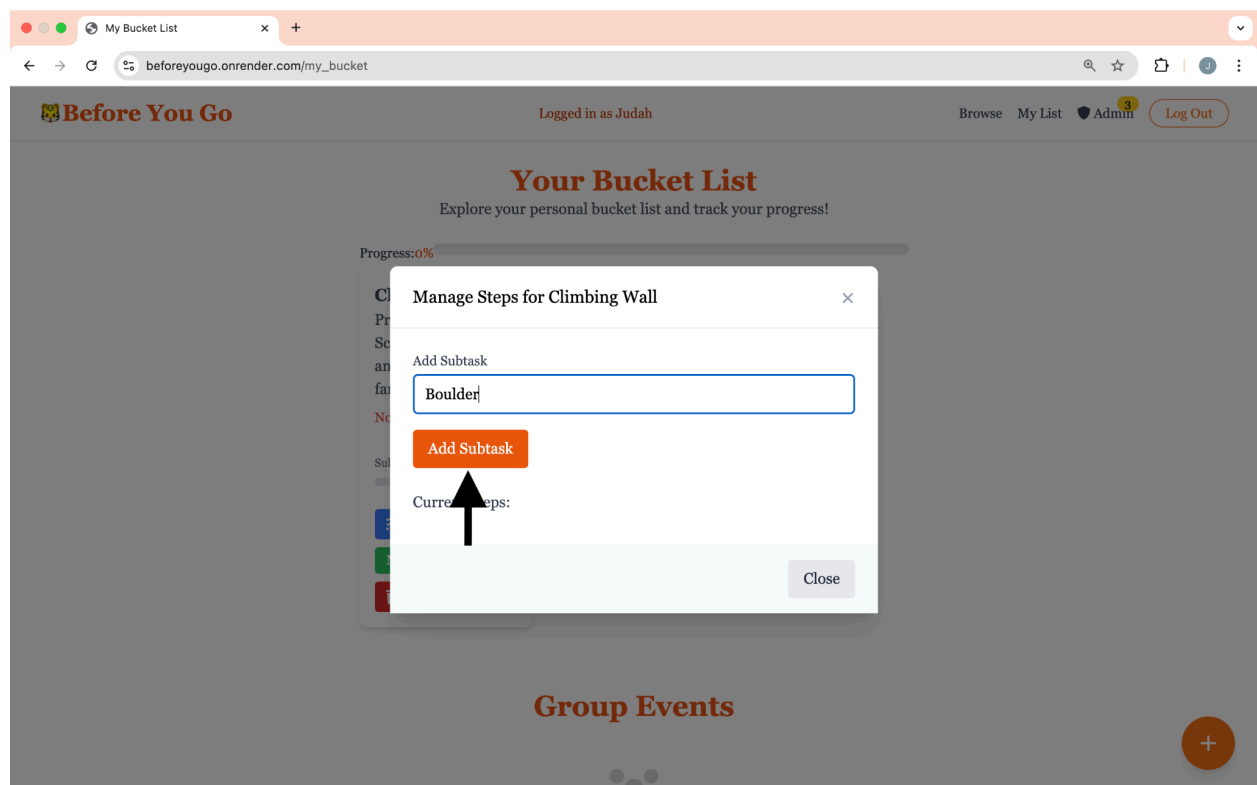


## Use Case 4: Add and Complete Subtasks for an Event in Your Personal List

**Goal:** Add subtasks under the Climbing Wall event and mark them as complete.

### Instructions:

1. Looking at the same **Climbing Wall** event card as the previous Use Case, click the **Steps** button.
2. In the modal form that appears, locate the input field labeled: 'Add Subtask'
3. Type 'Boulder', and click **Add Subtask**
4. Repeat steps 1-3 to add a second subtask: 'Top Rope'
5. Click **Steps** again to confirm that both subtasks now appear.
6. Now, check the checkbox next to **Boulder**.
7. Then, check the checkbox next to **Top Rope**.
8. Close the modal.
9. Back on the bucket list view, confirm:
  - The subtask progress bar under **Climbing Wall** is now fully filled.
  - The event has automatically been marked as "Completed" (you may need to refresh the page to see this)
10. Click **Reset**, then click the **Steps** button again. Confirm that both subtasks have been reset.

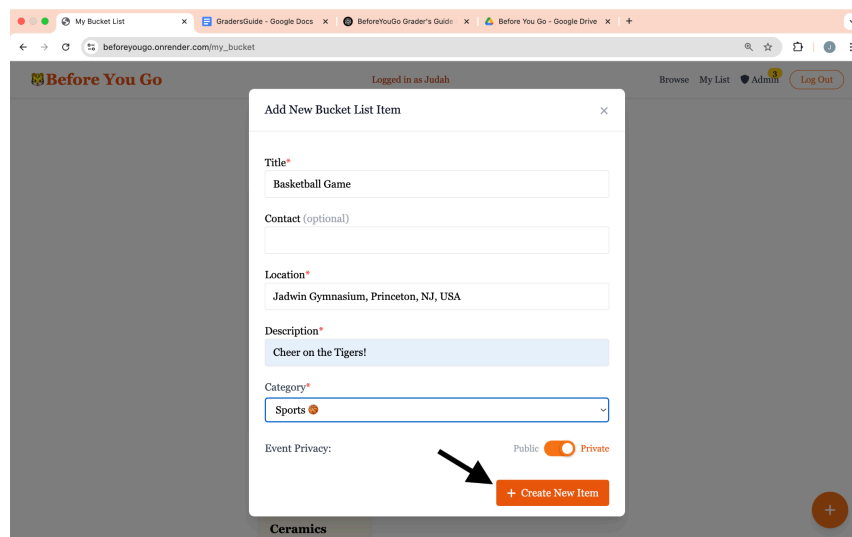


## Use Case 5: Create a New Custom Event for Your Personal List

**Goal:** Add a brand-new custom event to your personal, private bucket list.

### Instructions:

1. Remaining on the “My List” page, scroll to the bottom right corner and click the blue + button.
2. A form will appear. Fill in the following fields:
  - **Title:** Basketball Game
  - **Contact:** (Leave this field blank)
  - **Location:**
    - i. Begin typing: Jadwin Gymnasium
    - ii. Then select Jadwin Gymnasium from the Google Maps autocomplete dropdown
  - **Description:** Wear your Princeton merch to cheer on the Tigers at a basketball game!
  - **Category:** Sports
3. Click the **Submit** or **Add Item** button at the bottom of the form.
4. You will be redirected to your “My List” page. Scroll to confirm that **Basketball Game** now appears.



The screenshot shows a web browser window with the 'Before You Go' application. The user is logged in as 'Judah'. A modal form titled 'Add New Bucket List Item' is open. The form contains the following fields and values:

- Title\***: Basketball Game
- Contact (optional)**: (Empty)
- Location\***: Jadwin Gymnasium, Princeton, NJ, USA
- Description\***: Cheer on the Tigers!
- Category\***: Sports (selected from a dropdown menu)
- Event Privacy**: Public (selected, with a toggle switch for Private)

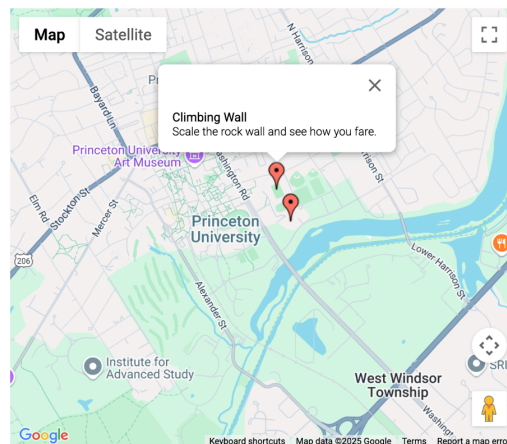
An arrow points to the '+ Create New Item' button at the bottom right of the form. The background shows the 'My List' page with a 'Ceramics' item visible.

## Use Case 6: View Your Personal Progress and Event Map

**Goal:** View the progress visualization and map of your personal events.

### Instructions:

1. Remain on the **My List** page, and scroll through your list.
2. For each event (i.e, Climbing Wall, Basketball Game), confirm that the 'Not Completed' message matches the completion status.
  - For the Climbing Wall, ensure that the subtasks progress bar is correctly at 50%, matching your completed subtasks.
3. Scroll further down to the interactive Google Maps section.
4. Confirm that you see (red) pins corresponding to (uncompleted) event locations.
  - You can click a pin to view the name of the event.
  - [You'll note that the Basketball Game and Climbing Wall events are geographically close to each other, perhaps suggesting that you do both on the same day!]
5. Scroll up to the Basketball Game event and press **Mark Completed**.
6. Scroll back down to the map to see that the Basketball Game pin has turned green, marking it as completed.



## Expected Outcome: Working with Your Personal Bucket List

By the end of this section, the grader will have:

- Successfully added an event from the global list to their personal bucket list.
- Marked and reset that event as completed.
- Created and completed subtasks, triggering an automatic completion update.
- Created a new private event with a location selected via the Google Maps API.
- Viewed accurate progress indicators and a personalized Google Map, with color-coded pins reflecting event completion status.



### III. Exploring and Using the Public Bucket List

#### Use Case 7: Submit a Public Bucket List Item

**Goal:** Submit a new event to be included in the global (public) event list, pending admin approval, so that everyone can access this suggested item and choose to add it to their list.

#### Instructions:

1. From the navigation bar at the top, click **Browse** to go to the public, globally-accessible bucket list page, navigating away from your personal and private bucket list.
2. On the public **Events** page, click the orange **+** button in the bottom left corner.
3. A form will appear. Fill in the following fields:
  - **Title:** Princeton Theological Seminary
  - **Contact:** registrar@ptsem.edu
  - **Location:** Princeton Theological Seminary Library (from Google autocomplete)
  - **Description:** Sit in on an interesting class at the semi-affiliated Princeton Theological Seminary, open to students of any identity!
  - **Category:** Academic
4. Make sure that **Event Privacy** is toggled to 'Public', to submit this event for consideration by the application's admin to be added to the public list.
5. Press **Create New Item** to submit the form.
6. A confirmation message will appear, indicating that your event is pending admin approval. You will return to the public Events page.
7. Confirm that the Princeton Theological Seminary does not yet appear in the event feed, since admin approval is required first. We will later see that admin approval process.

The screenshot shows the 'Before You Go' website interface. At the top, the navigation bar includes 'Browse', 'My List', 'Admin', and 'Log Out'. The user is logged in as 'Judah'. A modal form titled 'Add New Bucket List Item' is displayed in the center. The form fields are as follows:

- Title\***: Princeton Theological Seminary
- Contact (optional)**: registrar@ptsem.edu
- Location\***: Princeton Theological Seminary, Mercer Street, Princeton, NJ, USA
- Description\***: Sit in on an interesting class at the semi-affiliated Princeton Theologica
- Category\***: Academic
- Event Privacy**: A toggle switch is shown with 'Public' selected and 'Private' unselected. An arrow points to the 'Public' toggle.

At the bottom of the form is a button labeled '+ Create New Item'. The background shows a grid of event cards, including 'Amish Farmers Market', 'Danny DeVito Shrine', 'Ceramics Studio', 'inie', 'jqwker', 'Maker Space', 'PNI Monkey Lab', and 'PPPL'.

## Use Case 8: Browse and Filter Public Events

**Goal:** Browse the global event list and apply filters by keyword and category.

### Instructions:

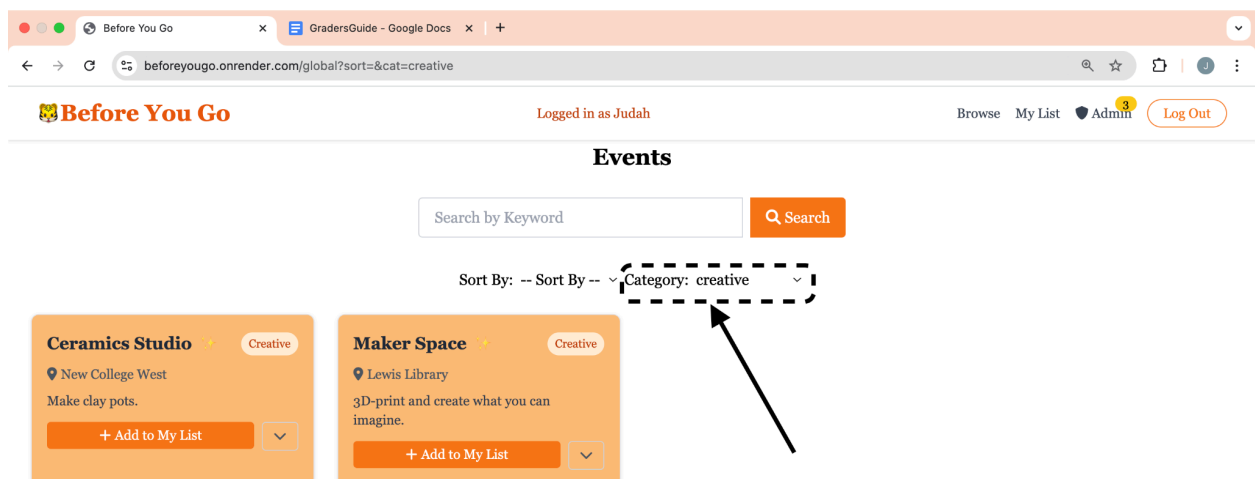
1. Previously, you had a specific item in mind, and you searched by keyword for “Climbing Wall.” Now, locate the **Category Filter** dropdown menu or filter buttons.
2. Click on the dropdown, and select the category “Creative”.
3. Confirm that a smaller subsection of creative events remain on the page.

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## Expected Outcome: Exploring and Using the Public Bucket List

By the end of this section, the grader will have:

- Successfully browsed the public event list using both keyword and category filters.
- Created and submitted a new global event using the proper form.
- Observed that unapproved submissions do not appear until approved, demonstrating the moderation flow.



## IV. Collaborating with Friends on Shared Events

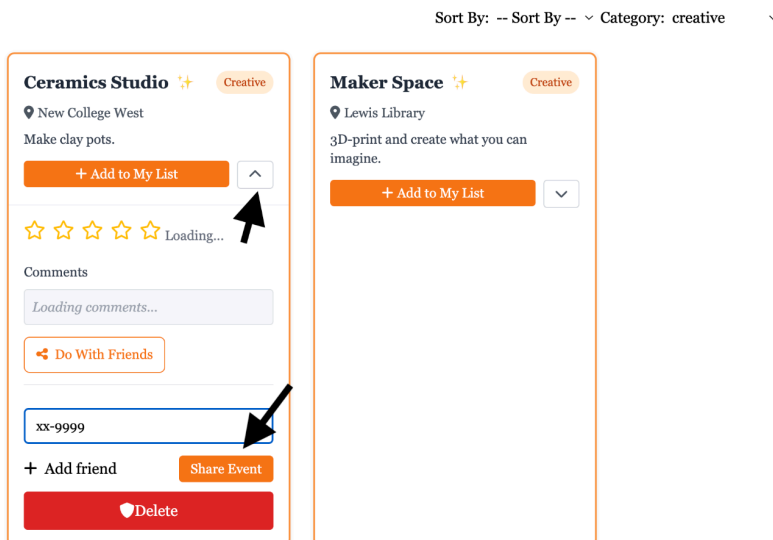
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### Use Case 9: Invite Friends to a Shared Event

**Goal:** Invite another user to complete shared events together.

**Instructions:**

1. Remain on the public **Events** page with the **Creative** filter applied, and locate the **Maker Space** event card.
2. Click the dropdown arrow to extend the card, and click **Do With Friends**.
3. In the invitation form that expands on the card, do the following:
  - In the first field, enter your *secondary netid* (e.g., cs-xx9999 , as described above)
  - Click **Share Invite**
  - [Optionally, if you'd like to test this with multiple friends:
    - i. *Before you click **Invite***, Click **Add Another Friend**
    - ii. Add another test netid (e.g., jg2783 for a developer, or rdondero for another grader to compare. If the latter, please notify the grader so they are not surprised to see the event on their account.)
    - iii. Then click **Share Invite**]
4. Repeat step 3 on the **Ceramics Studio** card.
5. Navigate to the **My List** page using the header at the top of the screen. Confirm that you now see the Maker Space event listed under “Group Events”.



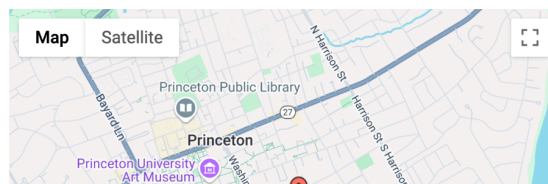
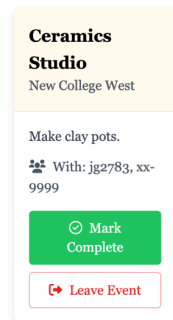
## Use Case 10: View and Complete a Shared Event (Secondary Account)

**Goal:** Log in with your secondary account to view and mark the shared event as completed.

### Instructions:

1. Click **Log Out** in the upper right corner, in the header at the top of the screen. This will log you out, and take you to the log in page.
2. Log in to the application again, this time using your *secondary netid* (as described above).
  - a. Your Princeton CAS system may automatically log you in with your *primary netid*. If this is the case, simply opening an incognito window and navigating to the same original link - <https://beforeyougo.onrender.com> - should allow you to log in as another user with your *secondary netid*.
  - b. Similarly, you should be able to remain logged in on both accounts by opening an incognito window. This would allow you to track real-time updates to
3. From the top navigation, click **My List**. Scroll down to the **Group Events** section.
4. Confirm that **Maker Space** appears, shared with your primary and secondary netids.
5. Click the **Mark Completed** button. Green **Completed** text will appear on the event card.
  - a. [If you'd like, you can also return to your primary account now and later to confirm that it is marked as completed on all accounts shared on this event.]

### Group Events



## Use Case 11: Exit a Shared Event

**Goal:** Leave a shared event as one of the users on it.

**Instructions:**

1. Remain logged in as the **secondary netid** user.
  2. On the **My List** page, locate the **Ceramics Studio** event in the **Group Events** section.
  3. Click the **Exit Group Event** button to indicate you are no longer interested in this event.
  4. A confirmation prompt will appear; confirm your choice.
  5. Confirm that you no longer see **Ceramics Studio** under your shared events.
- 

## Expected Outcome: Collaborating with Friends on Shared Events

By the end of this section, the grader will have:

- Created a shared event and invited multiple users.
- Switched accounts to verify correct display of invitations.
- Marked the shared event as completed (and verified that completion status is synchronized.)
- Exited a shared event and verified that it is removed.

## IV. Rating and Comments

### Use Case 12: Rate a Global Event

**Goal:** Provide a 1–5 star rating on a public (global) bucket list event and confirm that it is reflected in the average rating.

**Instructions:**

1. From the **Browse** (global) page, locate any public event (e.g., “Climbing Wall”).
2. Click the dropdown arrow on the event card to expand it.
3. Below the event description, find the star icons under “Average rating.”
4. Hover your mouse over the stars to preview your intended rating.
5. Click the desired number of stars (e.g., 4 out of 5).
6. The stars should remain filled according to your selected value.
7. The text next to the stars should update to reflect your rating and the new average rating (e.g., “Average rating: 4.3 out of 5 (6 ratings)”).

## Use Case 13: Comment on a Global Event

**Goal:** Submit a public comment on a global event and confirm it appears with timestamp and attribution.

**Instructions:**

1. From the same expanded event card used in Use Case 12, scroll to the **Comments** section.
2. You may see a message like “Loading comments...” while existing comments are fetched.
3. Type a comment into the input box that appears after the section loads. (e.g., “This was so fun last year!”)
4. Submit the comment by pressing **Enter** or clicking a submission button (if visible).
5. The comment should appear immediately under the event with:
  - Your NetID
  - A timestamp (e.g., “2025-05-09 10:55”)
  - A comment body

**Expected Outcome:**

- Your comment appears live, without a page refresh.
- Comment displays your NetID and timestamp.
- A flag button appears next to each comment for moderation/reporting (functionality may be symbolic only).

## Administrative Review (Admin Account Only)

This section must be completed while logged in using your **secondary netid**, which has been pre-authorized as an administrator. Only admin accounts can view the moderation dashboard and approve, reject, or reconsider submissions to the public bucket list. To become an admin account, you must have a member of the development team whitelist your netid.

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## Use Case 14: Approve a Submitted Global Event

**Goal:** As an admin, review and approve a user-submitted public event that is pending moderation.

**Instructions:**

1. From the navigation bar in the header, click **Admin**.
  - (Note: this tab is only visible to admin accounts.)

2. You will be taken to the **Admin Dashboard**. At the top of the page, you'll see a set of tabs labeled:
    - **Pending**
    - **Approved**
    - **Rejected**
    - **All**
  3. Ensure the **Pending** tab is active. You should see a list of items awaiting review.
  4. Locate the event you previously submitted during Use Case 8, titled: "Princeton Theological Seminary"
  5. Review the event details (title, description, contact info, category), ensuring that there is no inappropriate content.
  6. Click the green **Approve** button. The item will move from the "Pending" tab to the "Approved" tab.
  7. To confirm, click on the **Approved** tab and verify that the **Princeton Theological Seminary** now appears in the approved list.
  8. Return to the **public** page by clicking **Browse** in the navigation bar and confirm that **Princeton Theological Seminary** is now visible to all users.
- 

## Use Case 15: Revoke or Reconsider Event Approval Status

**Goal:** Demonstrate the ability to change the status of an event from approved to rejected (or vice versa).

### Instructions:

1. From the **Admin Dashboard**, ensure you are viewing the **Approved** tab.
  2. Locate the **Princeton Theological Seminary** event. Click the red **Revoke Approval** button.
  3. Click the **Rejected** tab to confirm that **Princeton Theological Seminary** is listed there.
  4. Click **Browse** in the navigation bar to view the public page. Search for **Princeton Theological Seminary** to ensure it is no longer a public event.
  5. To reverse the rejection, return to the **Admin Dashboard** using the navigation bar. Click the **Rejected** tab to toggle there.
  6. Find **Princeton Theological Seminary** and click the green **Reconsider** button. Navigate to the **Approved** tab to ensure that **Princeton Theological Seminary** is now listed there.
  7. Navigate once more to the **Global** page and confirm that the event reappears publicly.
- 

## Expected Outcome: Administrative Review

By the end of this section, the grader will have:

- Logged in as an admin user and accessed the moderation dashboard.
- Successfully approved a pending event, triggering its visibility in the global event list.
- Demonstrated that events can be revoked or reconsidered dynamically via the admin tools.
- Confirmed visibility changes on the front-end in accordance with backend status updates.