

Feature Functions

Web-App Name: *Clubhaus*

Link to an Adobe XD mock version of *Clubhaus* for non-logged-in users:

<https://xd.adobe.com/view/e185a3f6-fa8d-4c30-a0cb-d6f8bf34562e-b4d6/>

Link to an Adobe XD mock version of *Clubhaus* for logged-in users:

<https://xd.adobe.com/view/ebdd4933-7150-4b86-8586-f2635f8c96d5-be8e/>

Link to an Adobe XD mock version of *Clubhaus* for club managers:

<https://xd.adobe.com/view/5194fc4c-e341-4138-883e-700a8a9ae199-04c7/>

Link to an Adobe XD mock version of *Clubhaus* for system admins:

<https://xd.adobe.com/view/4937f146-dbc5-440e-a198-c273ecf0ae0c-1c64/>

Document Structure

This document moves sequentially through the required features of the Web Project as outlined in the *Feature Details* tab in the *Project Specifications*. For each feature, a walk-through of its implementation is provided. As there are different feature requirements for users, club managers, and system admins, the document is sectioned thusly.

User Features

Sign Up/Login:

When a user accesses *Clubhaus*, if they are not currently logged in the majority of the website's pages, will display 'Log In' and 'Sign Up' buttons in their top right-hand corner (See Figure 1).

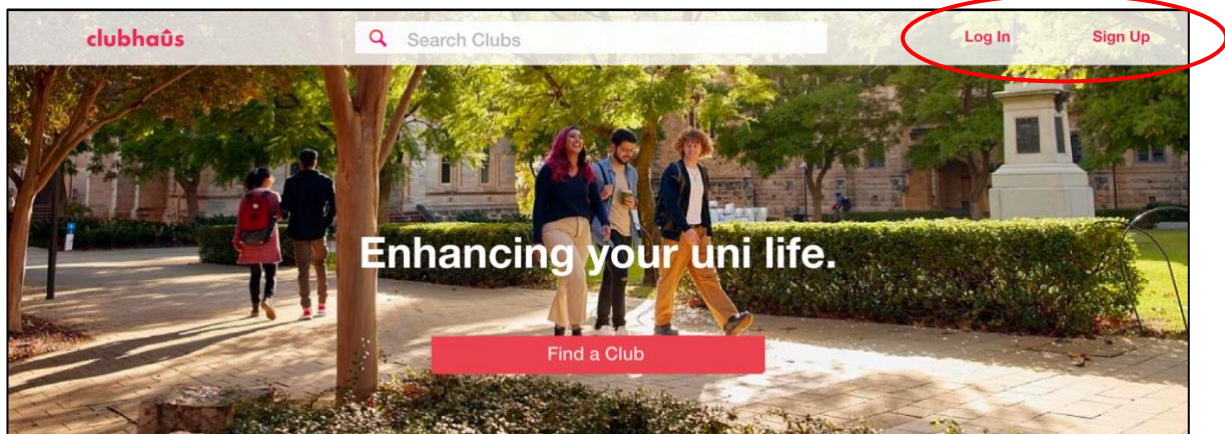
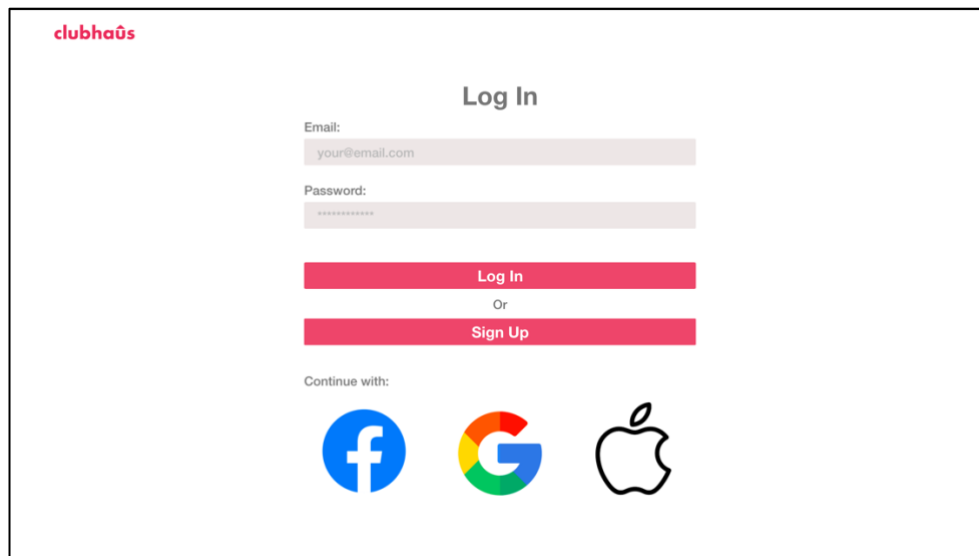


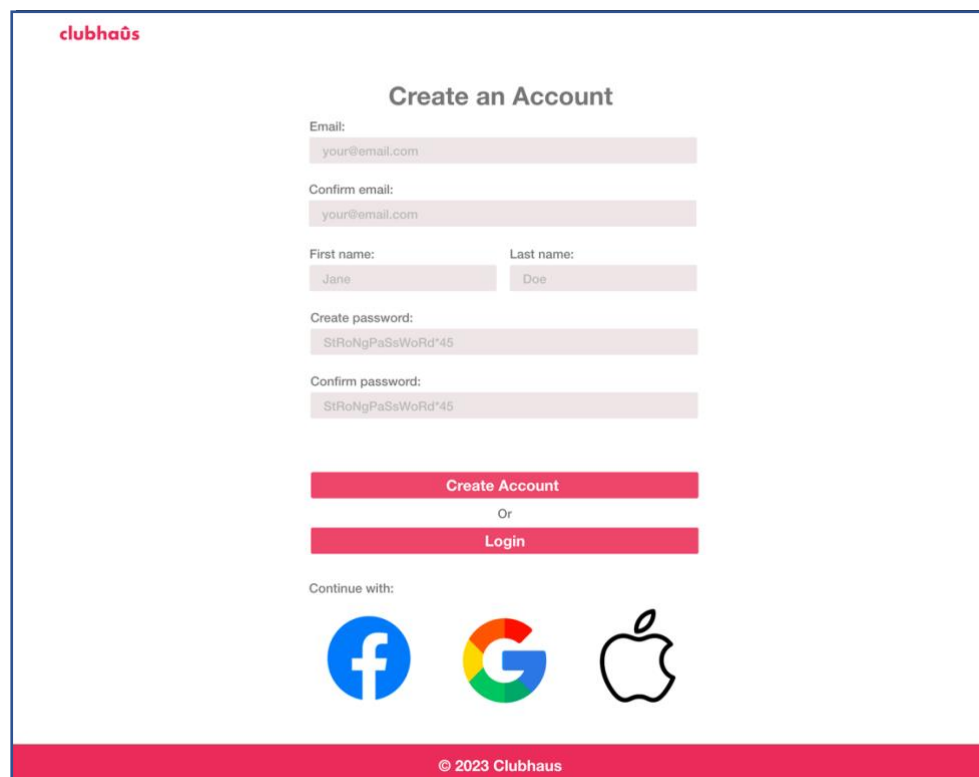
Figure 1: Home Page Header

When either of these 'Log In' or 'Sign Up' buttons is pressed, the user will be directed to the pages in Figure 2 and Figure 3 respectively.



The login page features the 'clubhaus' logo in the top left. The main heading is 'Log In'. Below it, there are two input fields: 'Email:' with the placeholder 'your@email.com' and 'Password:' with a masked placeholder '*****'. A red 'Log In' button is positioned below the password field. Underneath the button is the text 'Or' followed by a red 'Sign Up' button. At the bottom, the text 'Continue with:' is followed by three social media icons: Facebook, Google, and Apple.

Figure 2: Login Page



The sign up page features the 'clubhaus' logo in the top left. The main heading is 'Create an Account'. Below it, there are four input fields: 'Email:' with the placeholder 'your@email.com', 'Confirm email:' with the placeholder 'your@email.com', 'First name:' with the placeholder 'Jane', and 'Last name:' with the placeholder 'Doe'. Below these are two more input fields: 'Create password:' with the placeholder 'StRoNgPaSsWoRd*45' and 'Confirm password:' with the placeholder 'StRoNgPaSsWoRd*45'. A red 'Create Account' button is positioned below the password fields. Underneath the button is the text 'Or' followed by a red 'Login' button. At the bottom, the text 'Continue with:' is followed by three social media icons: Facebook, Google, and Apple. A red footer bar at the very bottom contains the text '© 2023 Clubhaus'.

Figure 3: Sign Up Page

When filling out these forms, the necessary input guidance will be presented in the format in Figure 4.

<p>Email:</p> <input type="text" value="your@email.com"/> <p>*No account with this email found</p> <p>Password:</p> <input type="password" value="*****"/> <p>*Password must contain at least one capital letter, one number and one special character</p> <p>*Fields with a red outline are required.</p> <p>Log In</p>	<p>Email:</p> <input type="text" value="your@email.com"/> <p>*Invalid email</p> <p>Confirm email:</p> <input type="text" value="your@email.com"/> <p>*Emails do not match</p> <p>First name: <input type="text" value="Jane"/> Last name: <input type="text" value="Doe"/></p> <p>Create password:</p> <input type="password" value="StRoNgPaSsWoRd*45"/> <p>*Password must contain at least one capital letter, one number and one special character</p> <p>Confirm password:</p> <input type="password" value="StRoNgPaSsWoRd*45"/> <p>*Passwords do not match</p> <p>*Fields with a red outline are required.</p> <p>Create Account</p>
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Figure 4: Form Guidance Prompts

Manage Their User Information:

Assuming that 'user information' refers to a user's account details, a user may manage their information, if they are logged in, by clicking the 'Edit Information' button found on the 'My Account' Page (Figure 6). The 'My Account' page can be accessed via the button 'My Account' which can be found on most of the website's pages in the top right-hand corner once a user is logged in as illustrated in Figure 5.

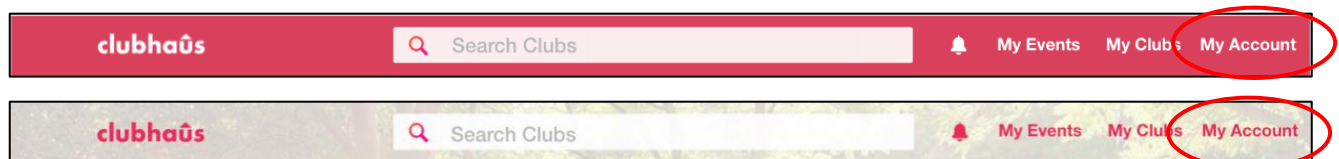
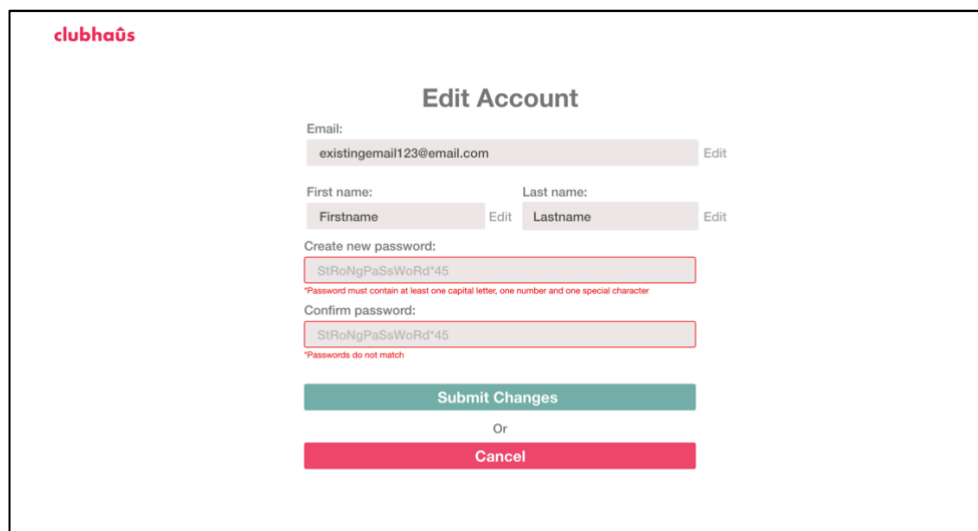


Figure 5: General User Logged-In Page Header

Figure 6: My Account Page

Pressing the 'Edit Information' button will direct the user to the Edit Information page in Figure 7. Here a user may change their information in accordance with certain requirements. The guidance for meeting form requirements is illustrated below in the password section of the form.



The 'Edit Account' page features the 'clubhaus' logo in the top left. The title 'Edit Account' is centered. Below it, the 'Email' field contains 'existingemail123@email.com' with an 'Edit' link. The 'First name' and 'Last name' fields both contain 'Firstname' and 'Lastname' respectively, each with an 'Edit' link. The 'Create new password' section has a text input with 'StRoNgPaSsWoRd*45' and a red error message: '*Password must contain at least one capital letter, one number and one special character'. The 'Confirm password' section has a text input with 'StRoNgPaSsWoRd*45' and a red error message: '*Passwords do not match'. At the bottom, there are two buttons: a green 'Submit Changes' button and a red 'Cancel' button, separated by the word 'Or'.

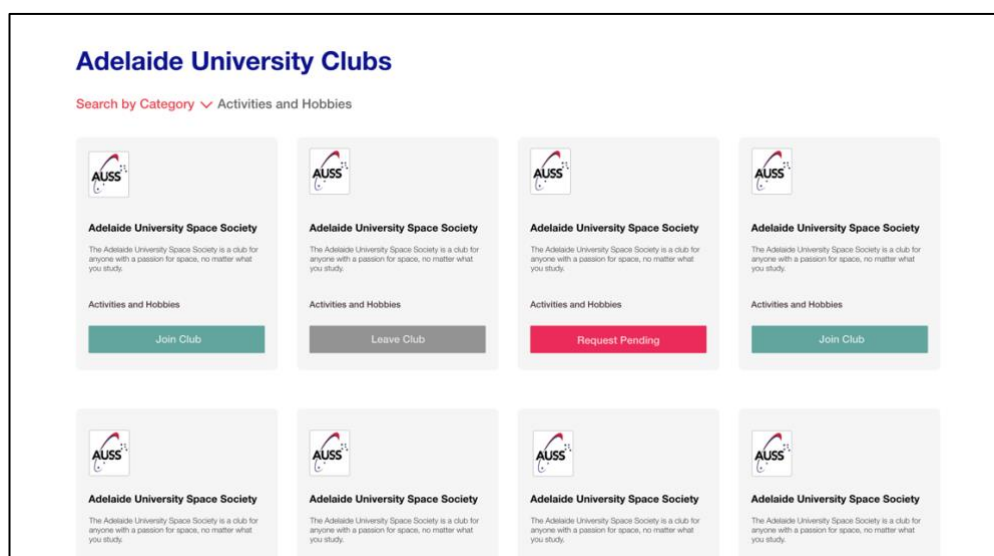
Figure 7: Edit Account Page

Join a Club:

A user may join a club one of two ways:

- (1) There is an index of all the clubs on the main page (See Figure 8). Each box represents a separate club. Clicking anywhere on the box will direct the user to the main page of that club while clicking the 'Join Club' button will send a join request to the club's manager.
- (2) On the club's main page, there is a 'Join Club' button on the left. This will only be displayed if a user is not already a member of that club (See Figures 8 and 9). Clicking this button will send a join request to the club's manager.

For both methods, once the button has been pressed its display will change to show 'Pending Approval' (See Figure 8) and it will no longer be able to be clicked. Once the request has been approved the button will disappear and the club will appear in the user's listed clubs on their 'My Account' page (See Figure 6) and the button display will be changed to 'Leave Club' (See Figure 8). If the request was denied, the button will reset to 'Join Club'.



The 'Adelaide University Clubs' page has a title and a search bar with the text 'Search by Category' and a dropdown arrow. Below the search bar, there are eight club cards arranged in a 2x4 grid. Each card features the 'AUSS' logo, the club name 'Adelaide University Space Society', a description, and a 'Join Club' button. The buttons in the top row are green, while the button in the third card is red and labeled 'Request Pending'. The buttons in the bottom row are green. The text 'Activities and Hobbies' is visible below the description on each card.

Figure 8: Club Index on Home Page

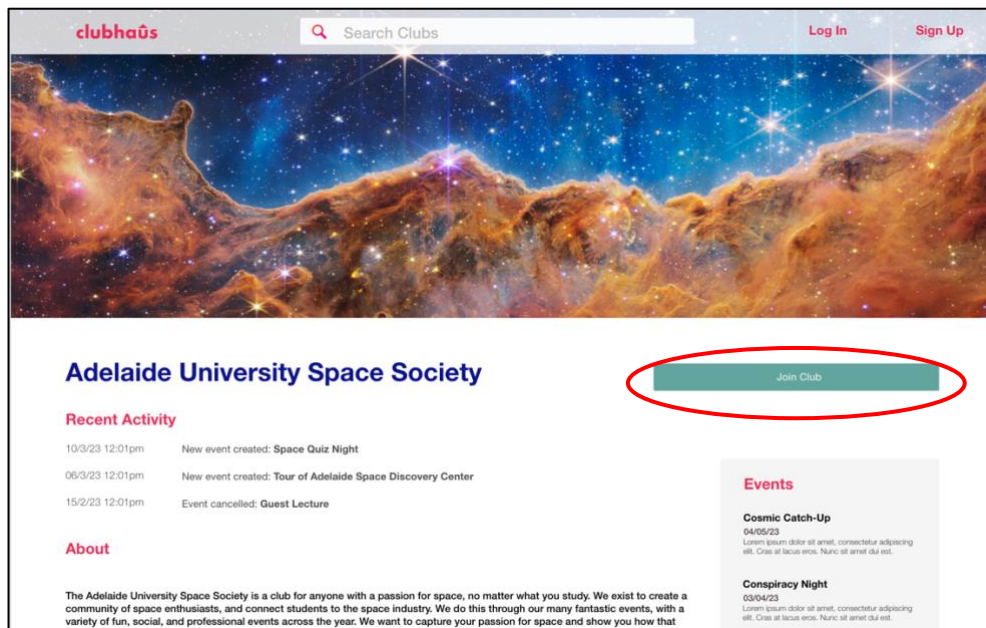


Figure 9: Club Main Page

View Updates from Clubs They're Members Of:

Updates from Clubs:

- Event creation, alteration, or cancellation
- Membership withdrawal
- Club dissolution

Users will view updates from clubs as notifications which can be found by clicking the bell icon in the top right-hand corner of most of the site's pages when a user is logged in. When there are new notifications, the bell will display a black dot to indicate this. Clicking the bell will display a drop-down menu with recent updates (Figure 10). If the updates have already been viewed, they will be greyed out.

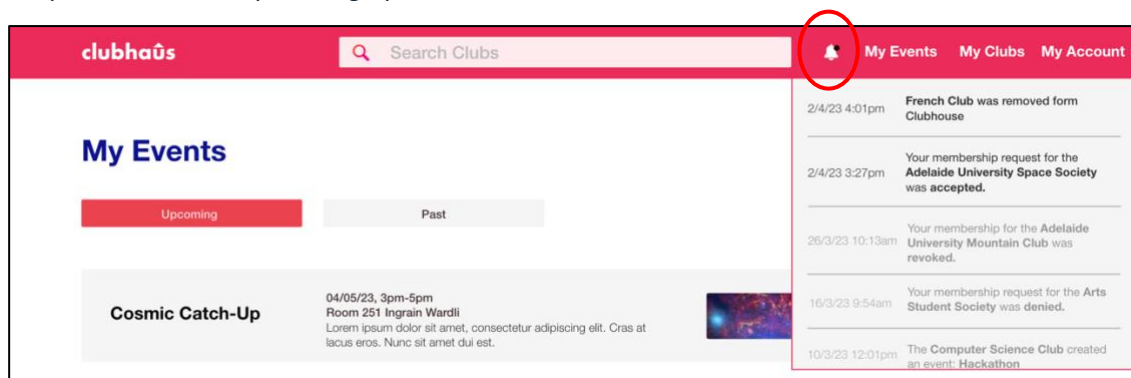


Figure 10: Updates/Notification Drop-down

Additionally, on a club's main page, there will be updates displayed (Figure 9). Public updates will be visible to all. Private updates will be visible only to members.

See Upcoming Club Events and RSVP:

Users can see any upcoming club events for clubs that they are members of via their 'My Events' tab in the top right-hand corner on most of the website's pages once they are logged in. The 'My Events' page (Figure 11) has options to

filter the display by past events and upcoming events by clicking the like-named buttons. The default presentation on-load will be upcoming events. They can RSVP by clicking the 'RSVP' button.

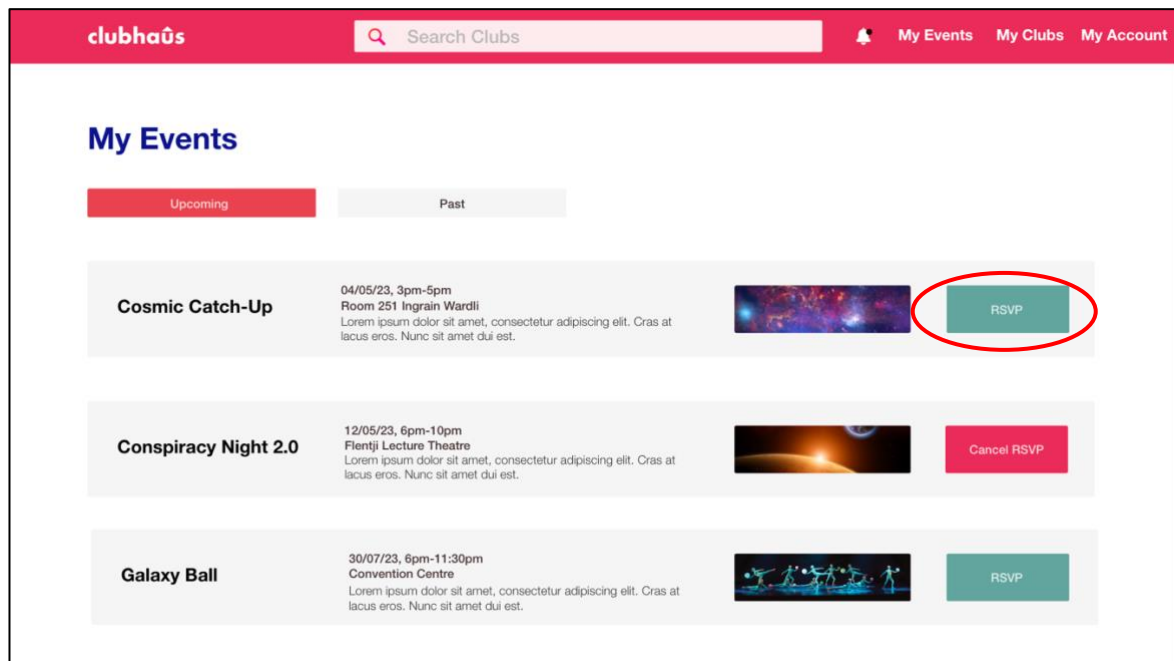


Figure 11: My Events Page

Choose to link a social media/email/other account, allowing login via that platform:

When logging in or signing up a user has the option to log in via any one of the shown platforms indicated under the prompt 'Continue with:' in Figure 2 and 3. These platforms are Facebook, Google and Apple.

Users without Accounts Should be Able to View Public Information and Updates for A Club:

Public updates will be displayed on a club's main page (See Figure 9). A club manager will determine if an update should be public or private when they trigger the update.

Email Notifications:

- (1) Users can sign up to receive email notifications from Clubs for things like updates and special events.
- (2) Users should be able to choose which types of email notifications are sent for each club and which clubs they receive those notifications from.

On the 'My Account' page there is a button 'Edit Email Notification Preferences'. Clicking this button will display a pop-up form that has checkbox options for email preferences for all of the clubs that the user is a member of (Figure 12).

Receive Email Notifications for:	Event Creation	Event Detail Change	Event Cancellation	Club Cancellation	Membership Request Response
Adelaide University Space Society	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arts Student Society	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Board Game Club	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adelaide University Mountain Club	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Figure 12: Email Notification Preferences Pop-up

Club Manager Features

Sign Up/Login:

Club managers will log in in the same manner as general users, as detailed in the User Features section. However, the method for signing up will differ. Club manager accounts are set up by system admins. They must press 'Change Club Manager' on a club's home page (See Figure 25). This will direct them to the 'Change Club Manager' Page (Figure 13) where they can enter the details for the intended manager. Clicking the 'Create Club Manager' button will send a club an email with instructions on how to set up the club manager account to the user.

Change Club Manager

To create a new club manager you must enter the intended club managers details below. Submitting these details will send an email to the individual with instructions on how to set up their account. Activating their account will deactivate the current club managers account.

First name: Last name:

Email:

Create Club Manager

Figure 13: Change Club Manager Form

Manage Their User Information:

Club managers will manage their account details using the same method as general users.

View Their Members:

Club managers may view their club members by clicking through to their 'My Club' page. The button which can be found in the top right-hand corner of most of the website's pages when logged in as a club manager. On the 'My Club' page,

there is a button 'View Members' (Figure 14) which will direct the user to a page with a list of all current members (See Figure 15).

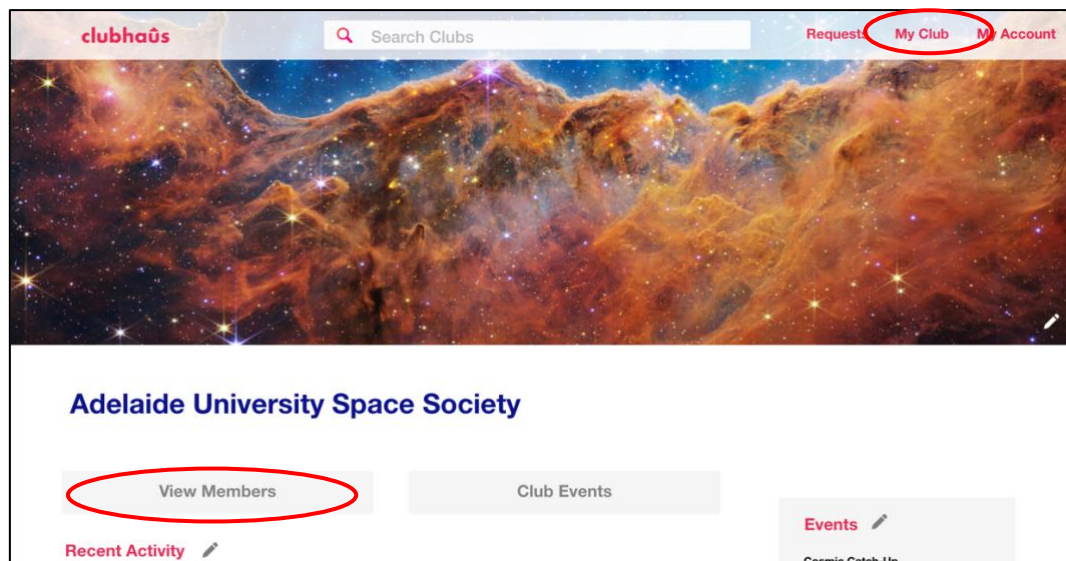


Figure 14: Club Page for Club Managers

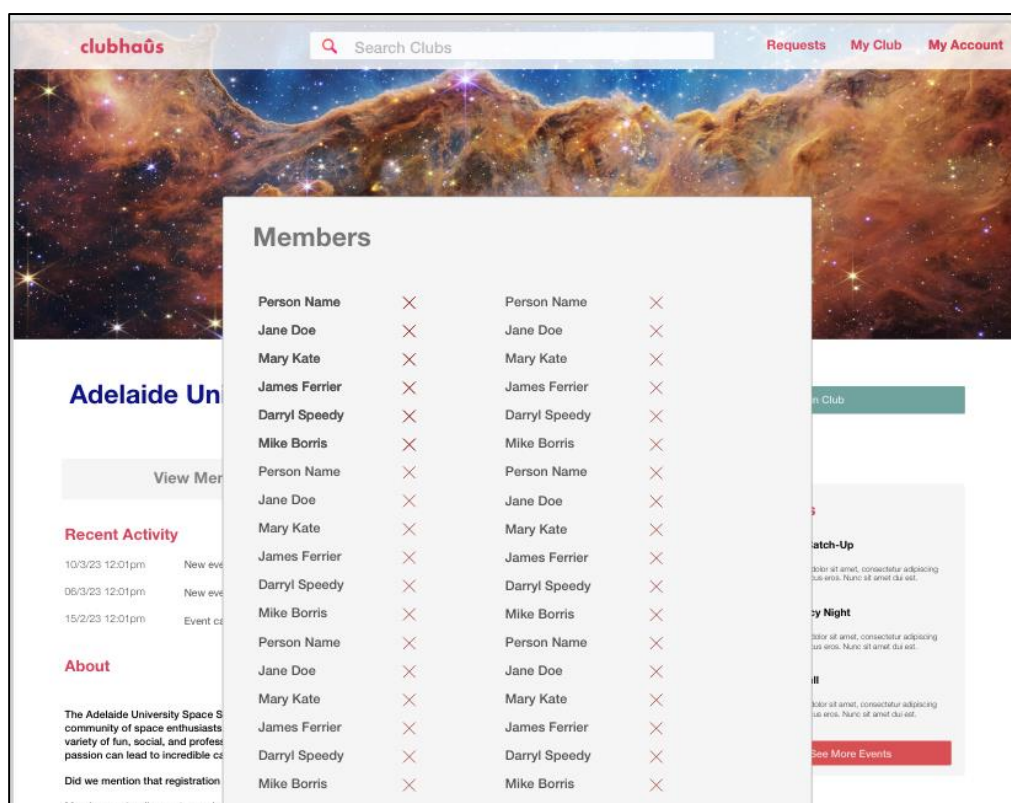


Figure 15: Members List Pop-up

Post Updates Both Publicly, and Privately to Their Members:

Updates from Clubs are as described in the 'User Functions' section. When a club manager performs one of the actions that are associated with an update they will be presented with an option to post the update privately or publicly (Figure 16).

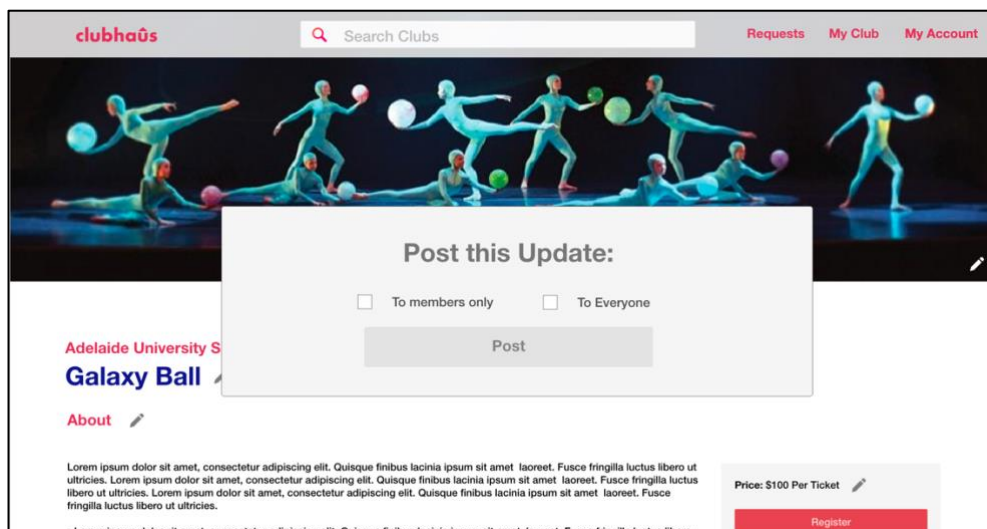


Figure 16: Club Manager Post Notification Pop-up

Create and Update Club Events:

A club manager may create club events by clicking the 'Club Events' button on their club page (Figure 14) which will direct them to their 'Club Events' page (Figure 17) on which there is a button with a plus icon to create an event. Pressing this button will open an empty event page (Figure 18) that the club manager can fill out to create the event.

To edit/update events, a club manager will select the edit button (a pencil icon) on the 'Club Events' page for the event they want to edit. This will direct them to a similar page to the event creation page but it will not be empty (Figure 19).

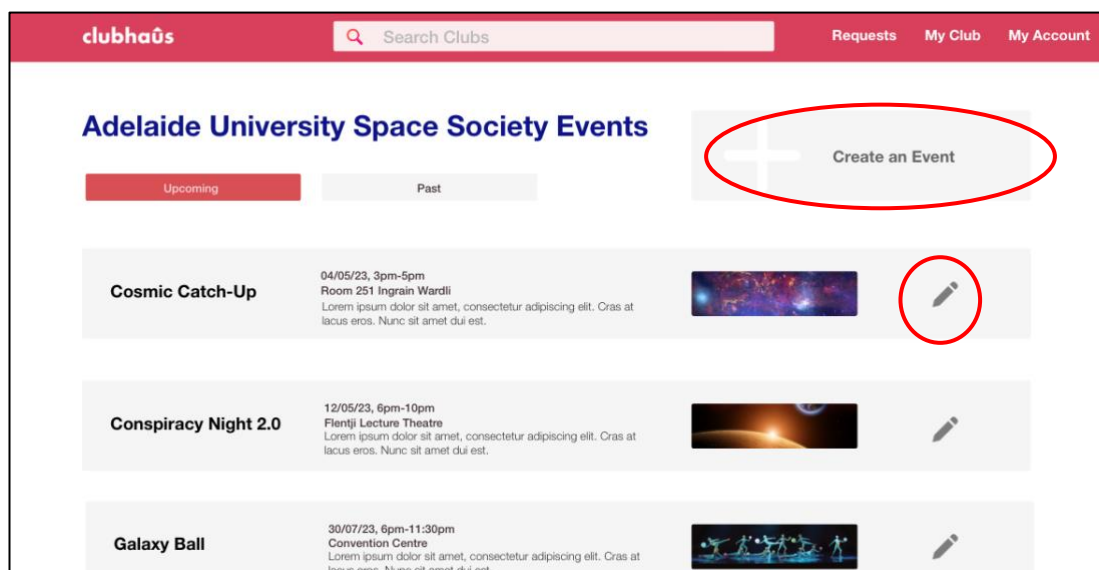
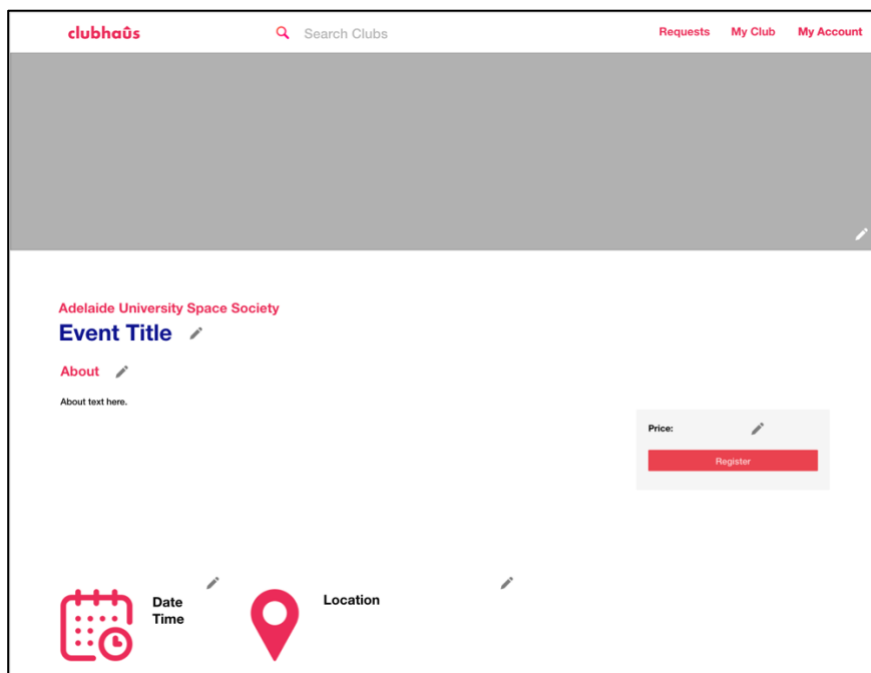


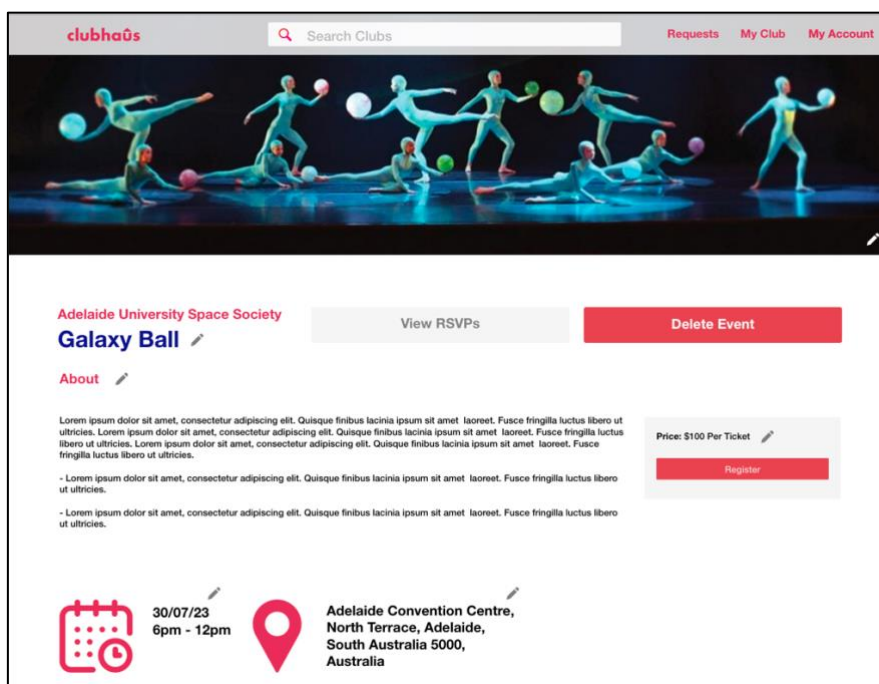
Figure 17: Club Events Page as Seen by a Club Manager



The screenshot shows the 'clubhaüs' website header with a search bar and navigation links. The main content area is for creating a new club event. It includes a form with the following fields:

- Adelaide University Space Society** (Club Name)
- Event Title** (Event Name)
- About** (Description text area)
- Price** (Price input field)
- Register** (Red button)
- Date Time** (Calendar icon and date input)
- Location** (Location pin icon and address input)

Figure 18: Empty Club Creation Page



The screenshot shows the 'clubhaüs' website header with a search bar and navigation links. The main content area is for editing an existing club event. It includes the following elements:

- Adelaide University Space Society** (Club Name)
- Galaxy Ball** (Event Name)
- View RSVPs** (Grey button)
- Delete Event** (Red button)
- About** (Description text area)
- Price: \$100 Per Ticket** (Price input field)
- Register** (Red button)
- Date Time** (Calendar icon and date input: 30/07/23, 6pm - 12pm)
- Location** (Location pin icon and address input: Adelaide Convention Centre, North Terrace, Adelaide, South Australia 5000, Australia)

Figure 19: Club Event Edit Page

See Who Has RSVP'd for An Event:

To view who has RSVP'd for an upcoming event, a club manager must navigate to the event page of a particular event. On which they can view the RSVP's by clicking the 'View RSVPs' button (See Figure 19) which will present them with a list of RSVPs (Figure 20).

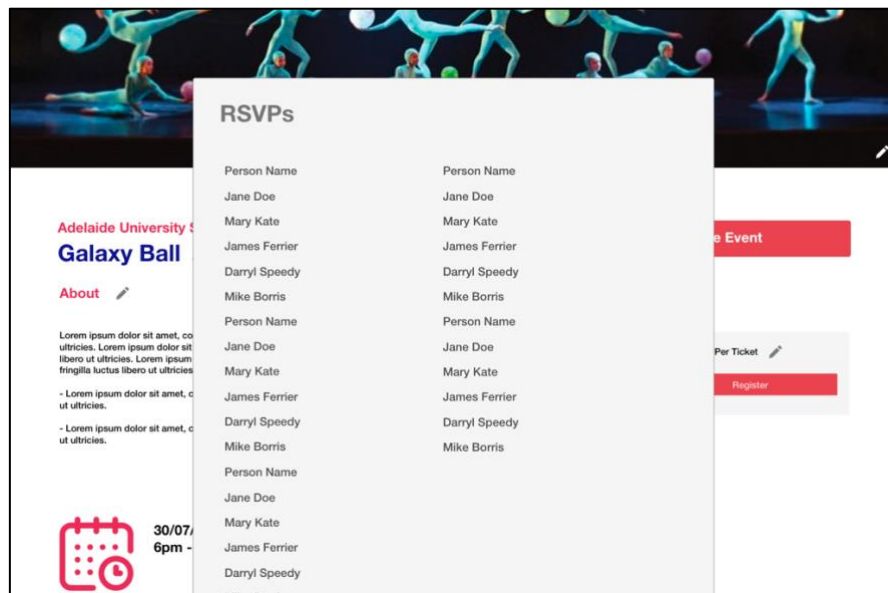


Figure 20: RSVP Pop-up

Additional Club Manager Features:

Club Membership Request Management:

When a user requests to join a club, it will send a membership request to the club manager. These requests can be found in the 'Requests' drop-down, accessed by clicking the 'Requests' button in the club manager header. A manager can either approve or deny these requests by pressing the 'Approve' or 'Deny' buttons respectively (See Figure 21).

When there are new requests the 'Requests' button in the header will display a black notification dot to indicate this. After a request has been answered it will disappear.

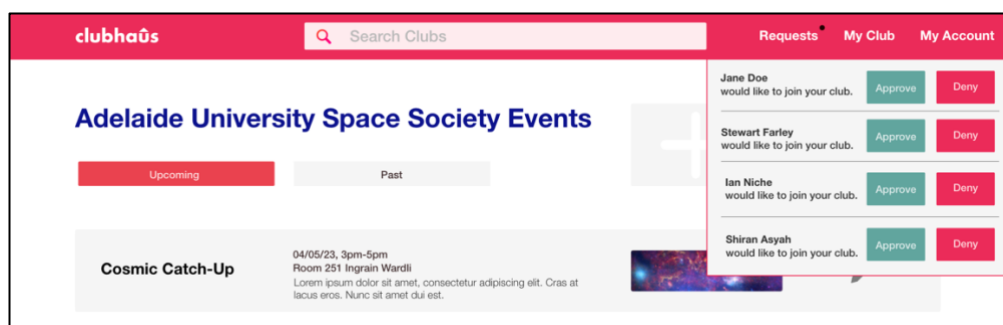


Figure 21: Membership Requests Drop-down

System Admin Features

Manager Their User Information:

System admins can manage their account information in the same manner as both users and club managers.

Manager Users:

System admins can manage users via the 'Users' button on the system admin's header (Figure 21) which will direct them to the 'Users' page (Figure 22). From this page, they may select or search for a user. Clicking a user's name will direct the system admin to the user's profile from which they can remove the user using the 'Remove User' button (Figure 23).



Figure 21: System Admin Header

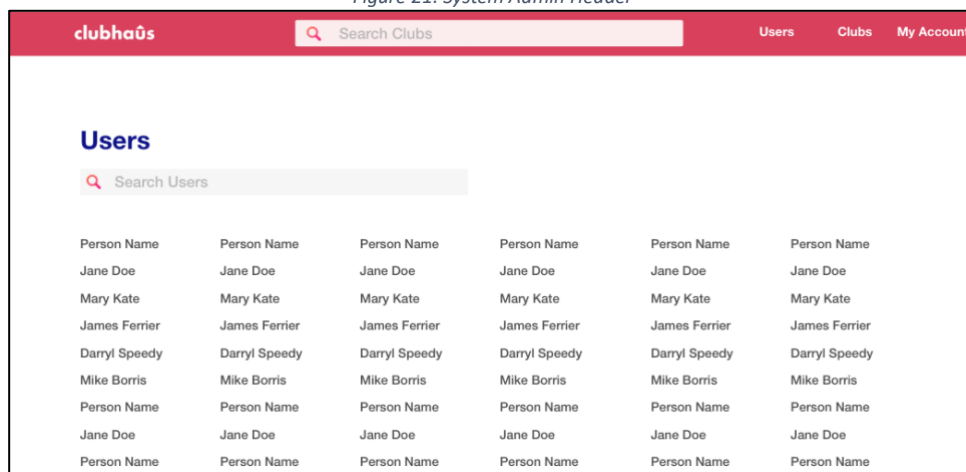


Figure 22: Users Page

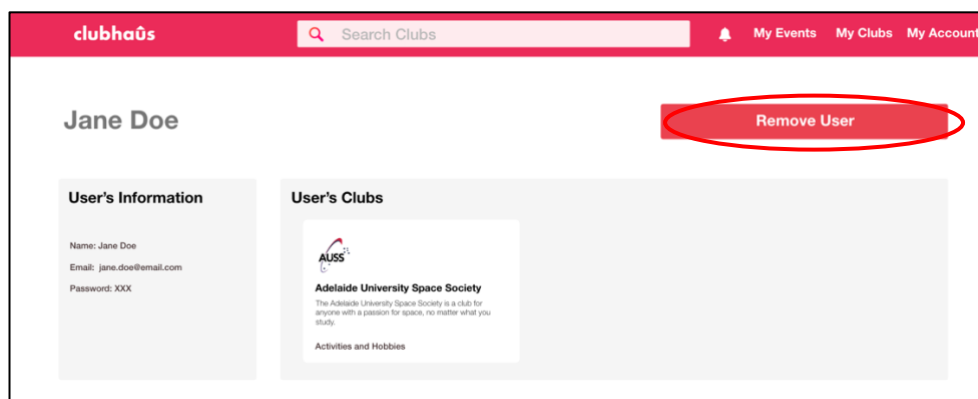


Figure 23: User Profile as Seen by a System Admin

Manage Clubs:

System admins can manage clubs via the 'Clubs' button in the system admins' header (Figure 21) which will direct them to the 'Clubs' page (Figure 24). On this page, they can view a club index. Selecting a club on this page will direct them to the home page for that club with additional system admin features present (Figure 25). To delete the club or change its manager they must click the respective buttons.

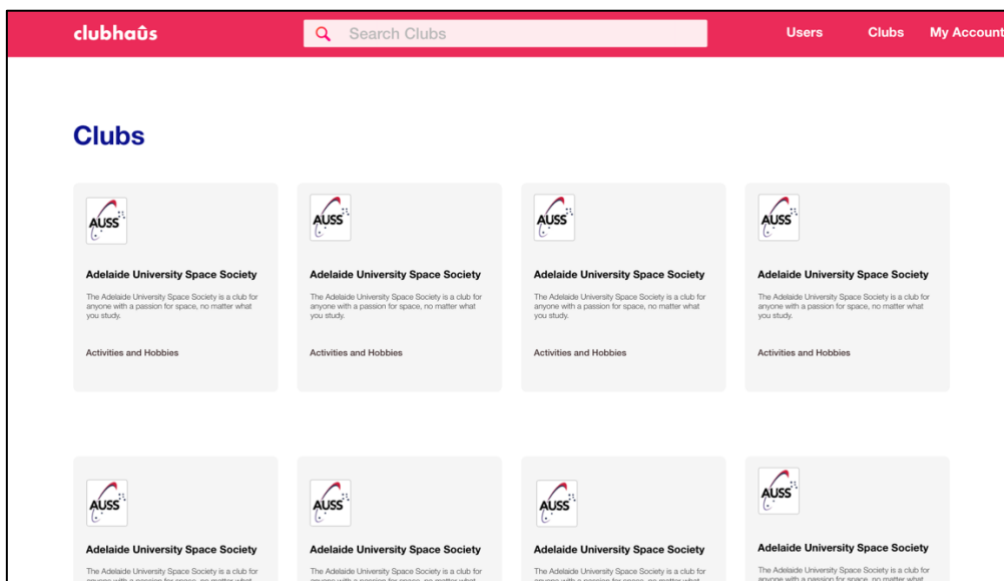


Figure 24: Clubs Page as Seen by a System Admin

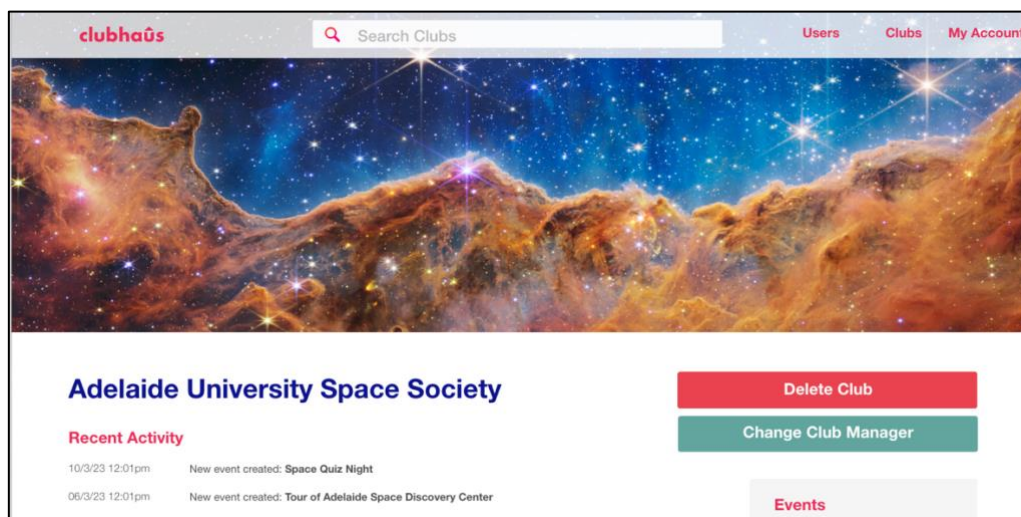


Figure 25: Club Home Page as Seen by a System Admin

Sign-Up Other Admins:

To sign-up another system admin, the current system admin must press fill out the form and press the 'Create System Admin' button located on their 'My Account' page (Figure 26). This will email the intended system admin with instructions on how to set up their account.

clubhaüs

UsersClubsMy Account

My Account

Personal Information

Name: Jane Doe

Email: jane.doe@email.com

Password: XXX

Edit Information

Create System Admin

To create a system admin you must enter the intended system admins details below. Submitting these details will send an email to the individuals with instructions on how to set up their account.

First name:

Last name:

Jane

Doe

Email:

your@email.com

Create System Admin

Figure 26: System Admin Account Page