

YACA Vision and Tech Requirements

** User Story: CreateFriendList

Definition

As a User, I want to create a local list of my Friends on my browser so that I can later invite them to YACA.

Wireframe

Friend List page

Acceptance Criteria

* DisplaysFriends

Given:

- N/A

When:

- The User navigates to the Friend List page...

Then:

- YACA retrieves the User's existing Friend List stored locally. (Initially, the Friend List is empty.)
- YACA displays the retrieved Friend List on the Friend List page with each row representing information about an existing Friend.
- The page automatically scrolls all the way to the bottom of its window.
- Each Friend has a checkbox that can be checked by the user.

* AddsANewFriend

Given:

- The User is on the Friend List page.
- The Friend List page displays the User's existing Friend List with each row representing information about a Friend who was previously added to their Friend List. (Initially, the Friend List is empty.)
- The User has entered a new Friend's name and email in the respective input fields on the Friend List page.

When:

- The User clicks on the Add Friend button on the Friend List page...

Then:

- YACA adds a new row to the bottom of the User's Friend List that contains: an unchecked checkbox (for inviting the Friend later), the Friend's name, and the Friend's email (*the Friend List should be ordered such that the first friend added should be at the*

top and last friend should be at the bottom, which the others listed in the same order as they were added from top to bottom).

- The page automatically scrolls all the way to the bottom of its window.

Implementation Constraints:

- The whole page should not refresh after adding a new friend: it should only be partially updated.

* ProvidesIncompleteFriendInfo

Given:

- The User is on the Friend List page.
- The Friend List page displays the User's existing Friend List with each row representing information about a Friend who was previously added to their Friend List. (Initially, the Friend List is empty.)
- The User has left either the name or email input field empty on the Friend List page.

When:

- The User clicks on the Add Friend button on the Friend List page...

Then:

- YACA informs the User that the name and email fields must be provided. A new friend row not added to the Friend List.

Implementation Constraints:

- Use the 'required' HTML attribute to enforce refusal of empty input fields.

* ProvidesInvalidEmail

Given:

- The User is on the Friend List page.
- The Friend List page displays the User's existing Friend List with each row representing information about a Friend who was previously added to their Friend List. (Initially, the Friend List is empty.)
- The User has entered a syntactically invalid email address in the email input field.

When:

- The User clicks on the Add Friend button on the Friend List page...

Then:

- YACA informs the User that the email provided must be valid. A new friend row not added to the Friend List.

Implementation Constraints:

- Use the 'type' HTML attribute to automatically check the validity of an email address.

* AddsAnExistingFriend

Given:

- The User is on the Friend List page.

- The Friend List page displays the User's existing Friend List with each row representing information about a Friend who was previously added to their Friend List. (Initially, the Friend List is empty.)
- The User has entered a Friend's name and email in the respective input fields on the Friend List page. The email address matches that of an existing Friend in the current Friend List (note that email addresses are case-insensitive).

When:

- The User clicks on the Add Friend button on the Friend List page...

Then:

- YACA informs the User with an alert message that a Friend with the same email already exists and refuses to add the new Friend to the Friend List.
- The User acknowledges this.
- YACA clears the email field so that the User can correct it.

Implementation Notes

- This US is a frontend-only functionality and should be implemented exclusively by the client script. No inline TS/JS code in the page: use only external TS script(s).
- Be careful about adding multiple listeners to the same HTML element on the same event: you may not know in which order the listeners' callbacks will be executed and there will be a performance penalty if you determine the action using conditional logic.