

User Tests

For our user evaluations, I asked two of my roommates to test our system. Both of the users are not CSE majors—one is a nursing major and the other is a fish and wildlife management major. Also, both of the users had no previous experience with the system.

To begin the process for each user, I simply explained that the system is a web application for the Belgrade Senior Center. I did not explain any of the functionalities to them in order to avoid giving them information that may decrease the reliability of the tests.

For the first user, I asked him to navigate to the web application and login. I gave him the URL and temporary admin login information in order to do so; this was required information that did not affect the outcome of this part of the test. He successfully found the login page and logged into the application without any difficulty.

I then asked him to add a new activity to the system and then list all of the activities. He quickly found the “add a new activity” function under the “Activities” dropdown in the navbar. After successfully adding an activity, he was then able to successfully list the activities using the “List activities” function.

Next, I asked him to add a new member to the system. He stated that there were two “Yes/No” boxes that did not have labels, so he left them blank and was given an error when he tried to submit the creation of the member. After receiving this error, he tried to create a new member again, this time filling in the “Yes/No” boxes and was able to successfully create a new member. These boxes correlated to the whether or not the new member is a veteran and whether or not the new member is disabled. Titles for these boxes were added after the first user test was completed.

I then told the first user that he was allowed to freely navigate through the web application and test out any other functionalities. He listed the members and noticed that the new member he created was in fact there. He was also able to create a new user and list the existing users. Additionally, he deleted one of the users he had created.

I asked the second user to perform the same tasks as the first user. He was able to successfully login without any trouble like the first user.

He was able to add an activity and list the existing activities, stating that he felt it was intuitive to do so. He was able to successfully add a new member to the system without any difficulties.

This was after we had added the necessary labels, which eliminated the possibility for any confusion. When listing the members, he noticed that there were extra fields that he was not prompted to give information for when creating the user. These extra fields were removed after his user test was completed.

He then freely navigated through the web application, stating that he liked the titles on the navbar because it clearly laid out where each functionality would be. He was also able to create, list, and delete users and activities.

Both of the users mentioned that our design was fairly simplistic, but then went on to explain how they felt this was good and liked the “feel” of it. I learned that user evaluations are a great form of testing because you are able to identify how an actual person reacts to using the system. As mentioned above, we added labels and removed extra fields within the member creation and listing functionalities.