

The goal of the manual testing process is to ensure that all user-facing components of the registration system work on a variety of devices (both laptop and mobile). Primarily, we are looking for UI bugs and problems/potential improvements related to the User Application, since these are the two areas that were modified the most. Of course, other bug reports/improvements are also very welcome. There is no need to test the Admin page, since that will be moving to Sudo.

If you are reporting a visual bug, please include the device details and a screenshot

Devices used for testing

Please put the devices and browsers you used for testing here

- Firefox on a 15" laptop
- Safari on iPhone 12
- Chrome on a 14" laptop (Jeffery)
- Safari on MacBook M2 Pro 16" (Sonoma 14.2.1)
- Safari on iPhone 14 Plus (iOS 17.1.2)
- Chrome on 13" MacBook M2 Pro (Sonoma 14.0)
- Safari on iPhone 13 Pro (iOS 16.2)
- Chrome on MacBook Intel Air (Monterey 12.6.7)
- Chrome on 13" MacBook Intel Pro (Monterey 12.1)
- Chrome on Windows 11
- Chrome on iPhone 14 (iOS 17)
- Chrome on MacBook Apple M2 Air (Monterey 12.5.1)
- Chrome on Windows 11

TartanHacks Dashboard (to be tested later)

Download the TartanHacks Dashboard app from the iOS App Store or the Google Play Store.

General Things to Check

- Overflow, odd spacing, and other display issues (please report with device type and screenshot)
- Color scheme for light and dark modes (emphasis on text visibility)
- Ease of navigation

Login

- Log in to the app using the username and password you made on the registration system
- Verify that the reset password functionality works
- Attempt to login with incorrect credentials. Verify that appropriate messages are shown and no display errors occur

Check-in

- Try using the check in scanner to scan the below QR code (corresponds to event “Checkin”)
 - Verify that the “Checkin” event is checked off in the event list



- Try using the event id text box to check in with the id `63cc38207a362f0008da8745` (corresponds to event “Swag Pickup”)
 - Verify that the “Swag Pickup” event is checked off in the event list
- Admin functions to test:
 - Check participants in by scanning user QR codes
 - Create new check-in events
 - Edit existing check-in events

- For convenience, below is the user QR code for tartanhackstest+confirmed@gmail.com



Team

- If you made a team on the registration system, verify that the information on the team page is correct
- Test team management functions in the dashboard:
 - Create a new team
 - Invite new members to your team
 - Search for teams to join
 - View a team's information
 - Request to join a team
 - Edit team name and description
 - Leave team

Project

- Fill in form fields for a new project submission (must belong to a team)
- Verify that you can edit the fields and save your changes
- Try entering the project for prizes

Schedule

- View full event details

- Check that event links work correctly
- Check past/upcoming events toggle works correctly
- Admin functions:
 - Create new event
 - Edit existing event
 - Delete existing event

Profile

- Verify that displayed profile fields align with registration input
- Check GitHub and resume drop links
- Try editing profile picture
- Try changing nickname

Leaderboard

- Verify that nickname displayed on leaderboard is correct
- Try changing nickname from leaderboard page
- Verify that displayed number of swag points is accurate

Testing steps

These steps are only meant to direct your testing. You should try to explore the system and test other scenarios and edge cases as well

Signing up

- Go to <https://register.tartanhacks.com/> and sign up for an account
- You should get an email with a button to verify the account
- On the home page, clicking “resend verification email” should resend the email
- Clicking the button in the email should verify you (this should be reflected on the home page)®
- On the verification page, changing the token in the url should lead to a page saying that the token is invalid

Login page

- Hamburger menu -> logout. Verify that you can sign in with your username and password
- Forgot password -> follow the instructions. Verify that the password is reset

Application

- Once verified, go to home page to complete your application. When completing it, verify that invalid values are not accepted and that the UX in general makes sense. Some fields appear only if other fields have certain values (e.g. “Other” for gender and ethnicity, “CMU” for school)
- Once submitted, verify that you can go back and edit the application. All fields you filled in should be populated automatically.
- If you have any suggestions regarding the fields that should/should not be included in the application, please share them in the Improvements section

Admitted users

- To be admitted, please DM Alex Obolenskiy on Slack (it might take me some time to respond). Once you are admitted, verify that you can access the waiver and the code of conduct after clicking “Confirm” on the home page. Check the boxes and confirm your participation

Confirmed users

- Verify that the links to the dashboard on the home page are working
- “Browse teams” -> verify that the UI on the teams page, team details page, and new team creation page is responsive and straightforward.
- Clicking “Join” on the teams page sends a message to the team captain. Similarly, inviting a person into a team sends a message to that person. To test interactions between multiple users, you can log in with the [“tartanhackstest+confirmed@gmail.com”](mailto:tartanhackstest+confirmed@gmail.com) account (the password is “string”). Try creating new teams, inviting users, leaving teams, and editing team info. Verify that correct messages are always sent.

Bug reports

Middle Names

@#4

Age

18

Please enter a valid age

REGISTRATION

Account Recovery

A password reset email has been sent to jeffery@scottylabs.org.
Click the link in your email to proceed.

[Return to login](#)

2 replies



Jeffery John 1 minute ago

help idk where to sign up for
an account

image.png ▾

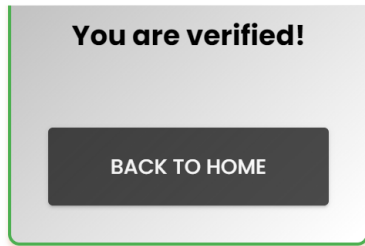


TartanHacks by Scottylabs
v1.0.0 - 1.0.0

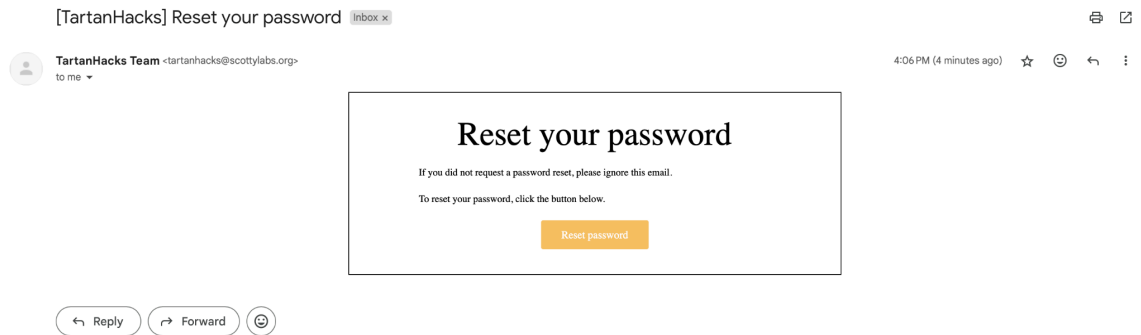


Jeffery John < 1 minute ago

nvm it's back and pretty



-
- Didn't get a password reset email, but was able to login w/ the old password (so the password wasn't reset?)
- Didn't get password reset email until second attempt.
- Is the password reset email supposed to look like this?:



- Very small elongated password reset button:



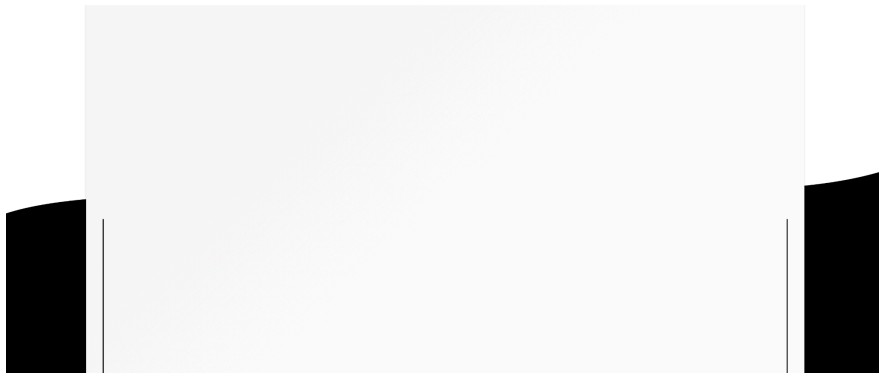
Change Password

New Password *

syzhoc-6nidxy-daB!@ Strong Password

Reset

- Broken registration page with entry of too many characters into essay field (<https://www.editpad.org/tool/invisible-character>)

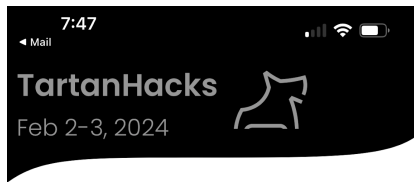


LOGISTICS INFORMATION

Phone Number *

Dietary restrictions

- Login button is small and elongated just like the reset button when pressing the back button (not just mobile issue; back button below is blue <)



Change Password

Reset


Welcome

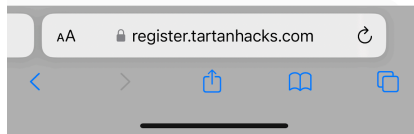
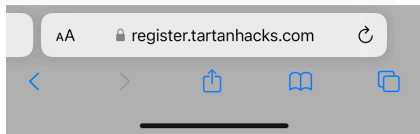
Login

Don't have an account?

Sign Up

Forgot password

 Participants must be undergraduates and at least 18 years old



- Like the reset password email, the application update email is plain. Also, greeting is misaligned.

[TartanHacks] Update regarding your application

TartanHacks

Hey

Jaisal,

There has been an important update regarding the status of your application to TartanHacks. To view the results, visit the registration portal by clicking the button below:

[View Update](#)



TartanHacks by Scottylabs

Feb 2-3, 2024



TartanHacks by ScottyLabs

Feb 2-3, 2024



Team

TEAM NAME

EDIT TEAM NAME

TEAM DESCRIPTION

EDIT DESCRIPTION

- The user shouldn't be blasted with an unverified screen as soon as they register; the majority of the content on that page should show something like "we sent you an email"



TartanHacks by ScottyLabs

Feb 2-3, 2024

- CONFIRMATION**
- ☐ I agree with the [TartanHacks Liability Waiver](#).*
 - ☐ I agree with the [TartanHacks Code of Conduct](#).*
 - ☐ Are you willing to help other hackers as a mentor?

CONFIRM

Improvements

- Minor changes to copy
 - Below the “Your Status: Unverified” have text that says something like “Check your email to get verified”
- Remove 2023 as an option in “Graduation Year”
- Do we need these questions? Should remove if not

Relevant coursework
Programming languages
Other skills

- Use the new favicon from tartanhacks.com for the reg system



- We usually order unisex t-shirts, so we can get rid of women's/men's options and just have XS - XXL on the shirt size field
- Make the US work authorization question clearer
 - Citizen → “I’m a US citizen”
 - Sponsorship → “I will need employer sponsorship at some point in the future.”
 - No Sponsorship → “I will NOT need employer sponsorship at some point in the future.”

Load Test Against Registration Page

Didn't fully complete load test, but load test with 3,000 requests and 3,000 concurrent users

Requests: 0 (0%), requests per second: 0, mean latency: 0 ms

Requests: 8 (0%), requests per second: 2, mean latency: 9183.9 ms

Requests: 543 (18%), requests per second: 107, mean latency: 12886.6 ms

Errors: 183, accumulated errors: 183, 33.7% of total requests

Requests: 875 (29%), requests per second: 66, mean latency: 17247.6 ms

Errors: 4, accumulated errors: 187, 21.4% of total requests

Requests: 1537 (51%), requests per second: 132, mean latency: 22986 ms

Errors: 311, accumulated errors: 498, 32.4% of total requests

Requests: 2271 (76%), requests per second: 147, mean latency: 27786.2 ms

Errors: 506, accumulated errors: 1004, 44.2% of total requests

Requests: 2833 (94%), requests per second: 112, mean latency: 31405.1 ms

Errors: 281, accumulated errors: 1285, 45.4% of total requests

Requests: 2883 (96%), requests per second: 10, mean latency: 36484.3 ms

Errors: 8, accumulated errors: 1293, 44.8% of total requests

Requests: 2902 (97%), requests per second: 4, mean latency: 42224.8 ms

Errors: 0, accumulated errors: 1293, 44.6% of total requests

Requests: 2902 (97%), requests per second: 0, mean latency: 0 ms

Errors: 0, accumulated errors: 1293, 44.6% of total requests

Requests: 2902 (97%), requests per second: 0, mean latency: 0 ms

Errors: 0, accumulated errors: 1293, 44.6% of total requests

Requests: 2902 (97%), requests per second: 0, mean latency: 0 ms

Errors: 0, accumulated errors: 1293, 44.6% of total requests

Requests: 2902 (97%), requests per second: 0, mean latency: 0 ms

Errors: 0, accumulated errors: 1293, 44.6% of total requests

Requests: 2902 (97%), requests per second: 0, mean latency: 0 ms

Errors: 0, accumulated errors: 1293, 44.6% of total requests

Requests: 2902 (97%), requests per second: 0, mean latency: 0 ms

Errors: 0, accumulated errors: 1293, 44.6% of total requests

Requests: 2912 (97%), requests per second: 2, mean latency: 79275.2 ms

Errors: 10, accumulated errors: 1303, 44.7% of total requests

Requests: 2912 (97%), requests per second: 0, mean latency: 0 ms

Errors: 0, accumulated errors: 1303, 44.7% of total requests

Requests: 2913 (97%), requests per second: 0, mean latency: 88370 ms

Errors: 1, accumulated errors: 1304, 44.8% of total requests

Requests: 2936 (98%), requests per second: 5, mean latency: 91677 ms

Errors: 23, accumulated errors: 1327, 45.2% of total requests

Requests: 2936 (98%), requests per second: 0, mean latency: 0 ms

Errors: 0, accumulated errors: 1327, 45.2% of total requests

Requests: 2936 (98%), requests per second: 0, mean latency: 0 ms

Errors: 0, accumulated errors: 1327, 45.2% of total requests

Requests: 2936 (98%), requests per second: 0, mean latency: 0 ms

