Working Prototype Known Problems Report
Perfect Gift
The Gifters
March 9th, 2021

1. **Ebay API cannot search for an item if it is misspelled or is not the entire/full name of the product.** If the Ebay API cannot find one item (in a user's wishlist or when searching by gift), none of the items are displayed to the user as gift suggestions. We currently display an error message to the user saying the Ebay API cannot find an item because it might be misspelled. In the Home.js file, we call a GET on a function in the backend called *giftapi()* that searches the Ebay API for each item in the user's wishlist and for each gift suggestion based on the user's interests.

2. **Users may not be able to login to access site functionality if they are not using either the Chrome or Firefox browser on a computer (not mobile!).** This issue is related to how authentication cookies are handled in non-Chrome and non-Firefox browsers on different platforms. To fix, browser-specific cookie settings would be needed.

3. **Users will not be able to create an account/change their username/view personal information if their username or email address contains any special characters (excluding @ in the email address).** This issue is related to how we sanitize user inputs (we don't!) and GET requests against our backend and DB can't contain certain characters. To fix, we would need to sanitize all user input and encode special characters before passing them to backend/DB.

4. **Entering invalid path will show white screen (eg ./does_not_exist).** This is because we do not capture invalid routing paths with a 404 error. To fix, we could set up a redirect so if the path is not mapped, users are taken back to the landing page.

5. **After changing their username on the profile page, a user needs to sign out and sign back in to see their correct homepage and profile page when reloading.** This occurs because we do not update the userId stored in the authentication cookie when a user changes their username so all user info lookups happen against the old username. To fix, we could give the user a new authentication cookie when they change their username.

<u>Suggested Acceptance Criteria</u>

Based on User Stories defined as part of the Minimum Viable Project (MVP). For relevant system test scenarios, please consult the *Testing* document.

User Story	Sprint Completed
As a user, I want to create an account where I can answer the questionnaire based on my interests (on login page).	2
As a user, I want to be able to sign in with a username and password so that I will be able to see my personalized homepage/profile.	2
As a user, I want to be able to search by username so that I can find gift suggestions based on another user's interests/questionnaire responses and wishlist.	3
As a user, I want to be able to write and add gifts to my wishlist and save it to my profile so other users can see what I like.	3