**Act/Standardize:** If in check/evaluate the process is not working as intended, or if efforts need to be reassigned, use the knowledge obtained in previous phase and adjust according to that. The progress may be tracked using a PERT graph that would be developed with the proposal.

**Check/Evaluate:** Check that everything is on schedule and if not, adjust. Team members may be reassigned to other efforts if needed.

**Countermeasures:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Cause** | **Countermeasuere** | **Who** | **When** |
| Inexistent Platform | Create Project Proposal with product specifications, wireframes, navigation, schemas, both required and optional user stories, deadlines, and GitHub workflow. | **All Team Members** | **February 12, 2021** |
| Build navigational skeleton with all required views. Deploy application to Heroku, setup local Parse Dashboard, and add Parse client to Project. | **All Team Members** | **February 19, 2021** |
| Create user account, user login/logout, and user persistence. | **2 Team Members** | **February 3, 2021** |
| User can use camera and scan barcode to fetch deals from Parse client. | **4 Team Members** | **March 3, 2021** |
| Phase 1 Report and Demo | **All Team Members** | **March 5, 2021** |
| User can see profile view and deals saved. | **3 Team Members** | **March 21, 2021** |
| User can go to settings view to logout or delete account. | **3 Team Members** | **March 21, 2021** |
| Phase 2 Report and Demo | **All Team Members** | **March 26, 2021** |
| Polish UI and any needed changes | **All Team Members** | **April 21, 2021** |
| Final Phase | **All Team Members** | **April 28, 2021** |

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Date: January 20, 2021

**Causes:** The primary cause of this problem is that there is no current platform that fetches deals from different platforms so that the user can compare and view. Platforms may have implemented a barcode scanning feature for their own platform, but there is no platform that does it for most platforms.

**Target**: Create a mobile app for Android that the users with a scan of the item’s barcode get the online deals from different sellers. User’s would also be allowed to save deals just so they can revisit them later if interested. Deals fetched would contain information respective to the item such as the seller platform, the price, the item’s name, the item’s description, and a link to go to the deals platform website where they can buy the item. Deals would be fetched from the application’s backend.

**Problem Background**: Often you see an item at a store and wonder if there would be a better offer for the item at some other store. Maybe you even go online and search for the item on a couple of websites. This search for item prices can take some time depending how many websites you are willing to search to see if maybe you find a fair price or better deal for the item you are looking up. If you are someone inpatient, or find yourself in a rush, you might not even try to search the item because it would be time consuming.

**Topic**: Barcode Scanning App for Android to get best online offers for item scanned.