

MVP Rationalization:

Our first MVP includes the features that are truly necessary for making our application unique. This includes the required functionality for users to be able to search and view information on items. Additionally, we have included the ability for users to create accounts and add items to the database. Users will also be able to edit their entries. Since users will be submitting things to the app, we thought it was very important to include a feature where admins can remove any inappropriate posts or misinformation. We also thought it was important to add distinction between official/approved entries, and user-submitted ones. Overall, this MVP deals with the core requirements for users being able to both find and add items.

Our second MVP explores some additional features and improvements that are not required for use but make the app better. GPS pinpointing would be useful for the user to easily see where they can go to recycle near them. This is an improvement upon having a simple list of locations in the city. Admins having the ability to convert accurate user-submitted posts to official posts would also be a helpful feature for allowing the app to grow. A common items section would be helpful for users to quickly navigate to their desired page or explore other topics. Filtering options for the search bar would improve user experience but are not required for the first MVP. Also, the ability for users to flag inappropriate entries would make admin work much easier and more scalable. Finally, we thought another tab with the ability to enter number codes found on plastics and other such materials would be useful, and fit in well with the app. Overall, this MVP includes various features that are not important enough to be in our first MVP but would greatly enhance the capabilities and user experience of the application.

