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| **Group** 27 | Item Tracker |
| **Major:** | **Team members:** |
| CS | Mohammad Aljagthmi |
| EE | Ryan Ly |
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| CS | Donald Taylor |

**Design Objectives**

*Blue text (like this) should be removed from your submission. Your project should have 3-5 specific objectives, which if achieved, will deliver a solution approach with desired benefits. You can precede your list of objectives with a 1-2 sentence overarching narrative statement to concisely state the overall goal of your project. Each objective should have a short paragraph of discussion. For example…*

*Objective X: The designed toilet is the industry leader in flush performance.*

*Flush performance refers to the ability to dispose of a mix of baby wipes, sponges, plastic balls, and water-filled latex sleeves without clogging. A secondary measure of flush performance is how well each flush cleans the toilet bowl and moves waste down the drain line. Top performers leave the bowl pristine and carry waste down the drain pipe without clogs.*

Preceding 1-2 sentence narrative statement of overall project goal…

Objective 1: Tracker syncs location with application.

Tracker is able to record and monitor the location of objects that it is linked to via the application.

Objective 2: Tracker can be reallocated to a new object.

Tracker is able to connect to new objects should the user desire.

Objective 3: Tracker has configurable alerts from an application.

Discussion…

Objective 4: Tracker has LED light to display alerts.

Objective 5: Tracker has replaceable power source.

Objective 6: Tracker is resistant.

Discussion…