Initial Project Description

Team members:
Charan Suresh - 3006475
Yuying Li -2992951
Becky Lin - 2986051
Celia Babst - 2946278
Kayton Froeschl - 2906121

Team Number: 21

Project Name: Retriever

Project Synopsis: This is a Lost and Found app made using React Native.

Project Description:

Why is the project being undertaken?

To employ a go-to, unified platform for items lost and found, and to provide an easy method to return these items to the owner.

Describe an opportunity or problem that the project is to address.

Sometimes people find a lost object but don't know how to find its owner, or someone loses an object and wants to place a reward. This app would allow posting an alert by area, essentially the equivalent of physically posting flyers in the area. People who found a lost object would also be able to look for its owners on the app easily.

What will be the end result of the project?

Some features of the end result would include:

- If someone finds an item, they can make a post about it on the app, and either drop it off somewhere or keep it with them so the owner could pick it up from them
- If someone loses an item, they can put up a post including pictures of the item and where they lost it, so that if someone finds it they could contact them about it
- Potentially a reward system

Project Milestones:

First Semester:
1. Learn React Native and decide on backend platform (10/22)
2. Have a good idea of what features the app will have (11/15)
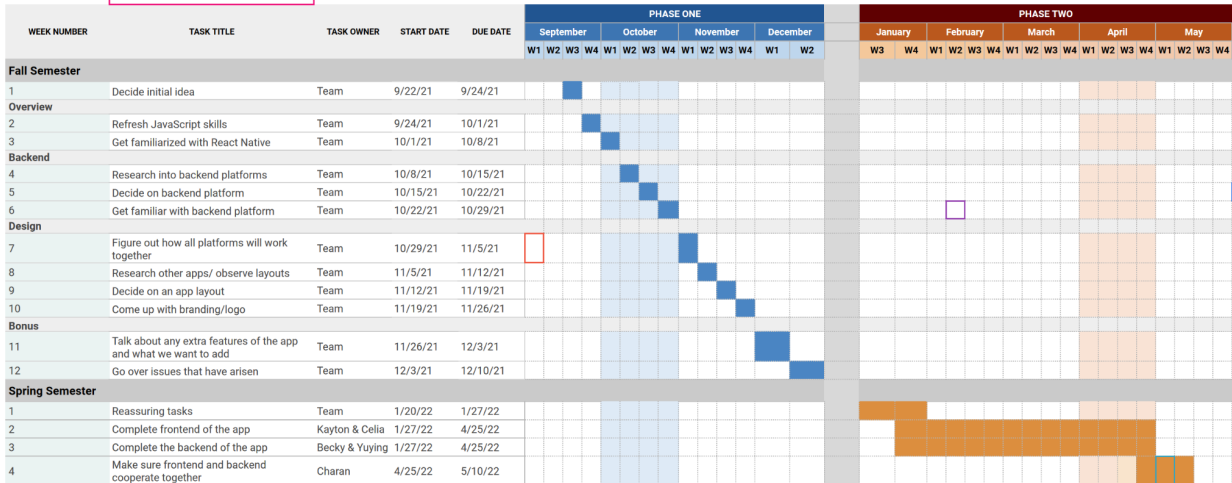3. Decide on design layout that goes well with the features (12/5)

Second Semester:
1. Assign certain aspects of the app to each person to be in charge of implementing (1/28)
2. Get a simplified version of the app running (2/30)

3. Create the design layout for the app (3/10)
4. Get the simplified version of the app running on the design layout (4/1)

GANTT CHART

| PROJECT TITLE | | Retreiver | | School | Univeristy of Kansas |
| Team Number | | 21 | | DATE | 9/22/21 |

| | | | | | PHASE ONE | | | | PHASE TWO | | | | |
WEEK NUMBER	TASK TITLE	TASK OWNER	START DATE	DUE DATE	September W1 W2 W3 W4	October W1 W2 W3 W4	November W1 W2 W3 W4	December W1 W2	January W3 W4	February W1 W2 W3 W4	March W1 W2 W3 W4	April W1 W2 W3 W4	May W1 W2 W3 W4
Fall Semester													
1	Decide initial idea	Team	9/22/21	9/24/21									
Overview													
2	Refresh JavaScript skills	Team	9/24/21	10/1/21									
3	Get familiarized with React Native	Team	10/1/21	10/8/21									
Backend													
4	Research into backend platforms	Team	10/8/21	10/15/21									
5	Decide on backend platform	Team	10/15/21	10/22/21									
6	Get familiar with backend platform	Team	10/22/21	10/29/21									
Design													
7	Figure out how all platforms will work together	Team	10/29/21	11/5/21									
8	Research other apps/ observe layouts	Team	11/5/21	11/12/21									
9	Decide on an app layout	Team	11/12/21	11/19/21									
10	Come up with branding/logo	Team	11/19/21	11/26/21									
Bonus													
11	Talk about any extra features of the app and what we want to add	Team	11/26/21	12/3/21									
12	Go over issues that have arisen	Team	12/3/21	12/10/21									
Spring Semester													
1	Reassuring tasks	Team	1/20/22	1/27/22									
2	Complete frontend of the app	Kayton & Celia	1/27/22	4/25/22									
3	Complete the backend of the app	Becky & Yuying	1/27/22	4/25/22									
4	Make sure frontend and backend cooperate together	Charan	4/25/22	5/10/22									

Project Budget:
- $100 to put the app on the App store
- $25 to put the app on Playstore
- $$ costs for graphics
- $$ undecided backend platform to host all backend files
  - Vendor: Still to be determined (back4end)

Backend platform will be needed by January. The money for placing the app on the stores won't be needed until April/May.