

**COP 4656: Mobile Programming**  
**Florida State University**  
**- Project Proposal Template -**

**1. Team Members**

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**2. Project Title**

where's@

**3. Motivation**

Due to the current pandemic circumventing the globe, essential items such as toilet paper, hand sanitizer, and Nintendo Switches are hot commodities for consumers. Our product will allow users to find these essential items without having to go to visit multiple stores to view their stock.

**4. Brief overview of what you are proposing**

The where's@ app is a user-driven product locating service that helps people in the community locate requested items in stores near them. Users who enter a store and see specific products can take a picture and upload a listing to the service. Users can then search for the item in where's@ and find a list of the closest stores with that item in stock, as well as a picture of the item for verification.

**5. Features to be implemented**

- Account creation/login
  - Possibility: Guest login for anonymous postings
- Storage of information on Firebase
  - Login information
  - Requested products
  - Location of products
  - Most recent Photos of products per store
  - Number of times a product is requested
- Map of current location
  - Utilizing Google Maps
- Product search
- List of locations of nearby available aforementioned products
  - Slider indicating distance limit in miles (maximum 50 miles)
  - Long and Lat of product location stored in database
- Ability to post listing of products (with picture)
  - Pictures will upload directly from camera, not accessing user's photos
- List of highly searched items
  - ScrollView with Top 10 requested along with pictures.
- Considerations
  - Different languages
    - Current version will be in English, users can upload in in different languages, however.