App Challenge Check-List

Repository: falloodaboy/U-Pitt-Mobile-Challenge -branch:Zohaib

Active project repo: BuyLite

Repository: BulkBuyerV2 under IsaiahGlymour’s repository.

* External Dependencies
  + API Transaction -PayPal
  + FireBase Rules
  + \*Google Maps API
  + Database should have Java Script function that merge sorts the Order List
* UI Design
  + Prebuilt UI theme in Android Studio, custom or a blend
  + Home Page
    - Log In
    - Sign Up
    - FAQ Board
  + Login Page- consists form that is submitted to FireBase- Needs Encryption
  + Navigation Bar
    - Orderlist- navigates to Orderlist page
    - User Profile- navigates to the landing page
    - Potential: MyBuyOrders page if there isn’t room for fragment on profile page
  + Main Page
    - Create a buy-order
      * Form which contains a list, location, contributors, amount (volume of product and cost)
      * Hover plus button to create buy order which launches CreateBuyOrder activity
      * Distribution- One person goes buys and everyone meets at a location
      * Person who creates the buy-order specifies location for pickup.
      * Rating system for buy-order to maintain integrity
      * (Potential) using a money pool for a transaction of buy-order
      * (Potential) mimic credit system to maintain integrity of the buy-order
      * Emails numerical code to each member in a group and buy-order creator has master list to check with
      * Does 3 things:
        + Adds Metadata to the Orderlist. (updates backend)
        + Adds Metadata to MyBuyOrders
    - Search a buy-order
      * (Potential) search by dorm or location – Google Maps API
      * Two Search Functions-
        + Specific Search or Favorites – Tracking your own buy-orders
        + Search buy-order near location and by category
        + Contribution by member- search category
        + Token generated for host and members of each buy-order
  + User Profile Page
    - Upload picture onto the app for recognition
    - Email, phone number and Location to help prevent scammers
    - Change password option
    - UID is abstracted and is used primarily as a key for buy-order
  + Search Profile Page
    - Display
      * Picture
      * Email
      * (optional) phone number
      * (optional) Location, request Location
      * Buy-orders that are open
      * Rating System, (optional) Reliability Score
* Logic
  + Firebase rules need to be written and tested with users, buy orders, orderlist
  + UID will keep track of user and his/her buy order
* Work Assignment:
  + Zohaib:

My Profile Page

* + - Update email, username, change or add photo, invites \***relies on Outward Profile page\***
  + Configure Firebase rules for data storage (test)
  + Google Maps for location button on CreateBuyOrder activity
  + CreateBuyOrder should properly write to the database
  + Isiah:
    - MyBuyOrders page
      * List of OrderListItems
        + Clicking on one will launch new activity which would show full details of the BuyOrder

Location, items, members, open or closed

* + - Search User Profile Page
      * Added to the landing page tablayout
      * List of users which are filterable
    - Outward profile page
      * Activity which displays basic user info and accepts invites. \***relies on My Profile page\***