**Activity: Alternate Profile**

Unlike the User Profile Activity, the Alternate Profile is what is shown when the current user clicks another user’s profile picture. From here, the Alternate Profile shows the selected user’s name, email, phone number, and their average rating. The user’s previous reviews can also be accessed.

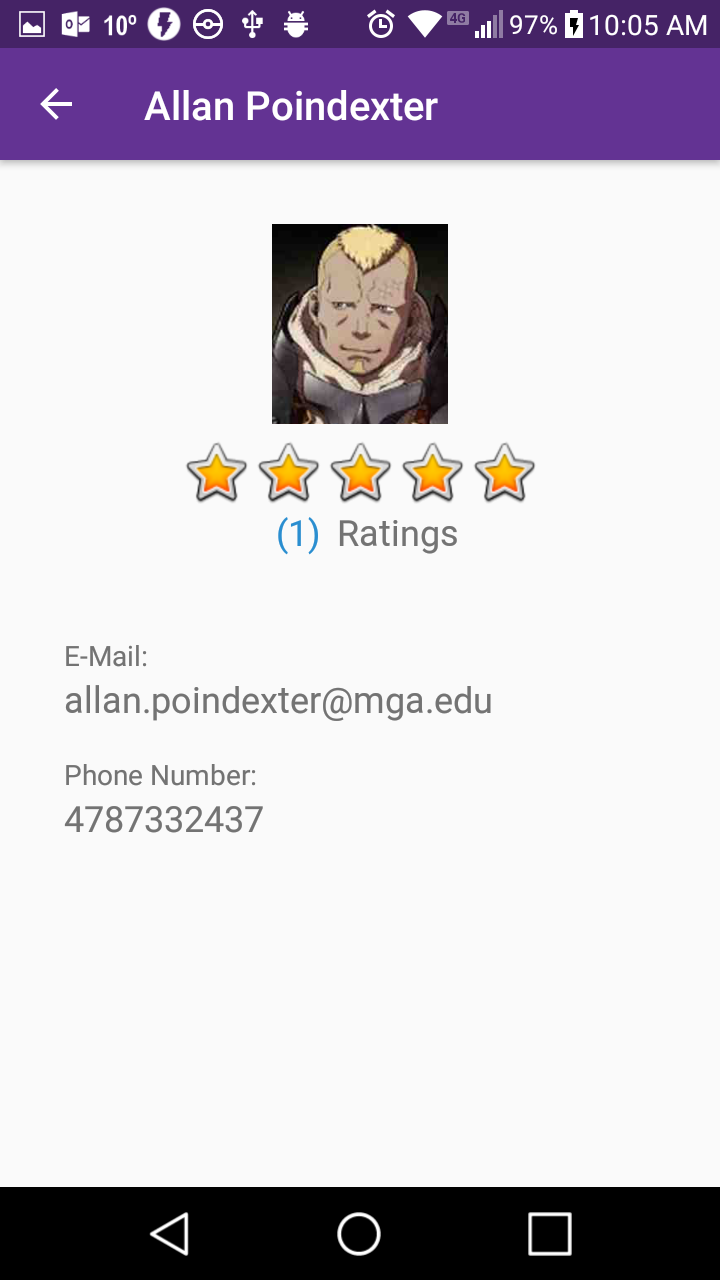
**Manifest Details**

The Alternate Profile is implemented with ProfileAlt.java in the Android Manifest. It’s screenOrientation is set to “portrait”, and the Intent filter provides standard access when called by name.

**Layout File**

Activity\_profile\_alt.xml

* A simple layout that has a ConstraintLayout stored in a ScrollView. This Activity exists to display information, but the only intractable View in this layout is the ratingsTotal TextView, if the user has received any ratings. Clicking this will open the Reviews Activity, which shows the most recent Reviews received.
* ratingsTotal (TextView)
  + onClick event is set within the ProfileAlt code-behind. This will open the Reviews Activity if the user has at least one review.



**Class File**

ProfileAlt.java

* The class that implements the Alternate Profile Activity. When the Activity loads, it retrieves the Intent sent by clicking a user’s profilePicture, and stores the userId sent as a String Extra to send the JSON Object GET request.
* Variables
  + –userImageView: ImageView
  + –emailTextView: TextView
  + –phoneTextView: TextView
  + –ratingBar: RatingBar – Displays a user’s average rating number.
  + –ratingsTotal: TextView
  + –userId: String – The selected user’s ID, not the current user operating the phone.
* Methods
  + \*onCreate(savedInstanceState): void
    - Creates the back button in the toolbar
    - Calls a method to initialize the Class variables, and calls a method to retrieve the selected user’s information.
  + +onOptionsItemSelected(item):Boolean
    - Return to the previous screen when the user hits the back button.
  + –getUserInfo(): void
    - Creates a RequestQueue for storing JSON request, creates a SharedPreference object to retrieve the user’s access token, and retrieves the selected user’s ID as a String Extra sent with the Intent.
    - A new JSON Object GET Request is sent, appending the select user’s ID to the variable. The TextView’s text properties are set to their appropriate values, the average rating is calculates, and the number of reviews received is shown.
    - If there is at least one review, the ratingsTotal TextView’s onClickListener is set to open the Reviews Activity, sending the userId as an Extra.
  + –setupViews(): void
    - Assigns to each variable their corresponding TextView
  + –round(value, places): double
    - Called by getUserInfo(). Rounds the average rating to the nearest fifth.