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**Class Name and Description**:

Pro User, a sub class of the class user. This class stores the variables and methods which are specific to a professional Instagram user. To build the pro user object, the pro constructor will be invoked. These objects will also use accessor, mutators and various other methods which will be outlined below.

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| **Program Design** | **Data Requirements** |
| * Declare instance variables specific to a pro user object. * Decimal Format with pattern “00”. * String userTips and char grades array with dimensions of 3. * Constructors to build pro user objects. * Accessors and Mutators for each instance variable. * Void welcome method. * String getText method. * Void method to rankAccountsReached. * Void method to rankInteractions. * Void method to rankFollowers. * Void method printUserEnteredTips. * String method showTip. * Public String toString method. | * Private int accountsReached, interactions, gainedFollowers; String accountsReachedTip, interactionsTip, gainedFollowersTip; * Decimal Format used to round numbers. * String array for user tips and Char array to hold their grades. * Uses the super class constructor. Assigns formal parameters to instance variables. * Alternative constructor also included if user does not enter parameters. * Used within the methods of the Pro class and in the UserInterface program. * Prints to the screen a welcome message specific to pro accounts. * String Prompt passed in as a parameter. * User enters the number of accounts they reached this week as an integer. Method then assigns a grade which is stored in the char array. If the rank is high, the user is prompted to enter a tip, this is then stored in the String array. * User enters the number of interactions as an integer. The method then assigns a grade which is stored in the char array. If the rank is high, the user is prompted to enter a tip. This is then stored in the String array. * User enters the number of followers as an integer. The method then assigns a grade which is stored in the char array. If the rank is high, the user is prompted to enter a tip. This is then stored in the String array. * Method prints the tips that have been entered by the user from String array userTips. * Method prints a random tip from a String array called tips. * String method which returns the super class toString, and the grades from the char array grades. |