Object-Oriented Design of Application Domain Model

For every screen layout we define a corresponding activity class, which are all the controller classes we have.

Controllers:
LoginActivity
NewUserActivity
NewFoodActivity
ConfirmActivity
EstimateActivity
ResultsActivity
DetailedResultsActivity

For the user information, we define a User class to model the users and interact with the user database.
For the food information, we define a Food class to model the food that the users eat for a meal. The food class should provide the API to interact with Google Vision API and Nutritionix API we plan to use.

Models:
User
Food