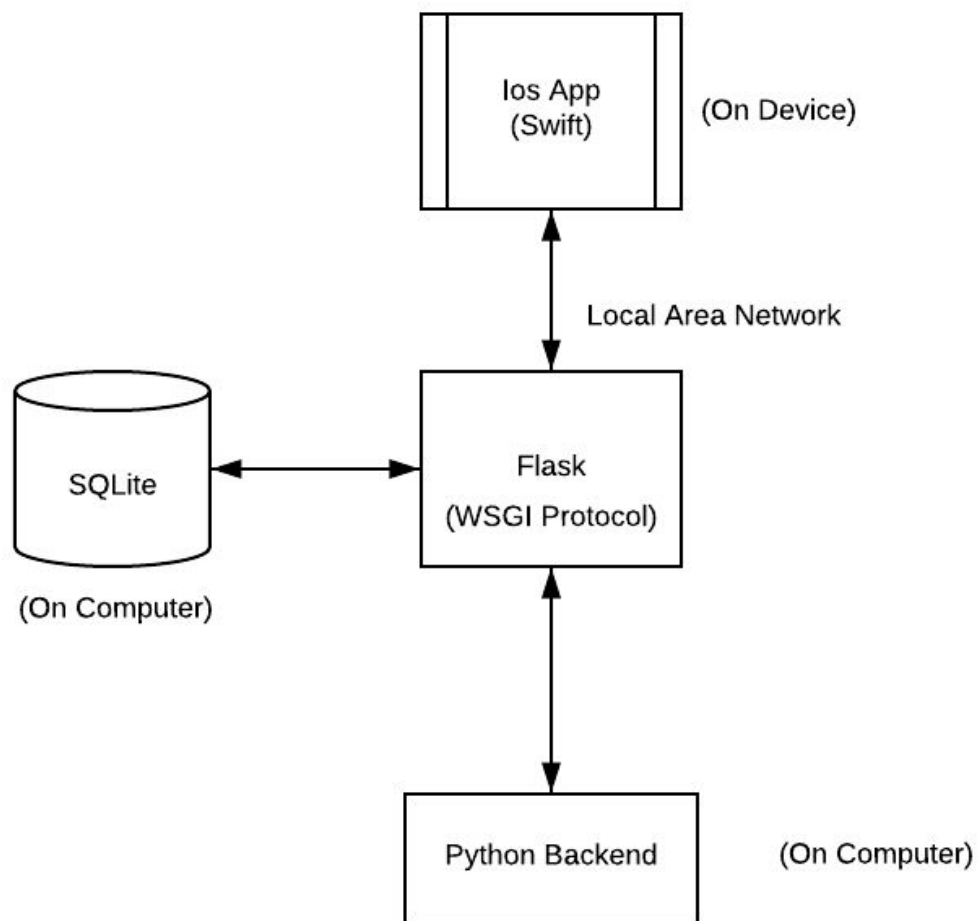


Revised List of Features:

- Doing a choice between upload and camera
- Updated and finished menu feature
- Identifying coins
- Calculating the total amount
- Displaying the total amount
- Notify User of “Bad” images
- Database for coin info
- Guidelines for how to take a “good” image
- Asking user if there are at least 1 penny, quarter, dime, etc. (Alerts)

Architecture Design:



Web Service Design:

- API- Currency Layer (maybe)

Database Design:

- currently: database storing text-field inputs in Xcode and displaying stored values in console

- next step: integrating with image recognition so that number/type of coin image picks up gets directly stored in database
- need to fix currency conversion table (error in inserting values into that table)
- if time, will work on API automatically updating values in that table
- Using SQLite

Front End Design:

See wireframe below!

Justification Report:

Our app will not include a registration or login component. This feature doesn't align with the functionality of our app. We are focused on creating a one-stop service much like a translating app, a calculator app, etc. There would not be a good way to implement a login component as the user is only taking a photo of their coins and then we are providing the value represented in the photo. There seems to be no pertinent data to store for each user and that is why we are focusing our database component on storing currency exchange data (with the thought that this project could be expanded one day to multiple currencies).

