Price Hub Project Proposal

**Team members:** Derek Casey, Alex Poole

The goal of this project is to create a web application/website that allows users to create a personalized list of products and their corresponding prices from different stores. The user photographs a product and adds it to a database with the appropriate information, such as price and store location will the help of google maps API. The app/site will have client side photo resizing before upload.

The app/site is a personal collection of frequently purchased items and often visited stores that the user regularly goes to. They are able to consult the list of stores and products to see price differences.

Over time, the user accumulates a list of stores that they visit and products that they purchase at varying prices. This information will be converted into charts, providing insight on price fluctuations within stores, fluctuations of product prices across stores, as well as the comparison of expensiveness relative to geolocation.

**Technologies:**

* Framework, one of the following(undecided):
  + Framework7
  + Mobile angular UI
  + Ionic
* Monolog
* Slim
* Twig
* MeekroDB
* JavaScript Canvas for graphs/charts
* Google Maps API
* Phone camera access
* Password recovery
* Facebook login

