**Implementation Doc**

This application has two parts in it,

1. Market America API integration
2. Native feature implementation

**Market America API implementation:**

* To keep it simple this application implements two API’s,
  + Products list
    - It list all the products that are available in a particular category. In this I have implemented only for the category “laundry”.
  + Product details
    - Here it will display the details of the selected product.
  + Native feature:
    - Click on the Native Bulb button on product details page to see the bulb.

**Native feature implementation**

* To keep it simple I have implemented a switch which will change the view’s color on pressing it.

**Technical design:**

* I have used react-native-router-flux to communicate between different classes.
* There are three views to this application
  + Products list:
    - Used flatlist to display the list of products
  + Product Details:
    - Used scroll view for displaying the details of the product.
  + Bulb Switch:
    - Used swift code to do all the operation of the switch.
    - Implemented bridge to connect between swift and react-native

**Note:** All the files can be found in the App folder of the MarketAmericaProj.