Project Overview Documentation Version 1.0

Frontend

1. View 1
   Receive shoe name and call google endpoint command to backend to transfer data and implement search on database

   Transition to view 2 on submit

2. View 2
   Get information retrieved from database for search and use information to fill iOS view

   If User selects request send endpoint command to backend to retrieve more database information for shoe, then transition to View three

3. View 3
   Retrieve email information and send that data to the backend

   Initiate script with database and email address params to send to email

   Send response to iOS client through API on send status

Backend

4. API Commands that initiate what backend code to execute and with what parameters

5. Executed scripts to send and receive data from the database initialized with parameters

6. Script to initialize and run google email service initialized with email address and receive status of request

7. Scripts that run continuously updating the Database with new URL information, can handle multiple database instances to switch on and off as backup/updating and live database

Refer to PPT Overview Version 1.0 for visual