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## GAVIN MAX

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[gavin.max2007@gmail.com](mailto:gavin.max2007@gmail.com)

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### **Required Skills:**

No Preference

### **Preferred Team Communications:**

Conference Call, to be discussed

### **Data Sources:**

There are no major data requirements as we can use dummy data to begin with but I am working with Morehouse Medical School and may have the help of Publix and or a smaller regional grocery chain.

### **Other Items:**

Project has time zone flexibility. Mentors and students will determine a good time for virtual meeting

### **Team Info:**

Needs a Developer, Analyst, Project Manager. Allows one team of 4-6 members.

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## PERSONAL VIRTUAL INVENTORIES (HEALTHCARE APPLICATIONS)

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I am currently working out of ATDC on a Fintech/Future of retail project. The basic idea involves using point of sale data to populate virtual inventories for consumers via electronic receipts. While there are many use cases the first one I am investigating is using this technology as a meal planning app, with an AI assisted fridge and pantry inventory system, to help pre diabetics and early Type 2 diabetics adhere to medical necessary diets.

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### PROJECT OBJECTIVES

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In general I would like to investigate the health care applications to now being able to track SKU level purchases from grocery stores and how we might connect this data to a patients online health records. Also, as electronic receipts become more ubiquitous we will be able to create virtual inventories of prescription drug purchases to create a virtual medicine cabinet that a physician can review and track. In general the project would be to investigate the healthcare applications of this technology attached to the patients online medical records.

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### SUCCESSFUL PROJECT

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Jon Duke will be a good asset to point us in the right direction for initial investigations.

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**Intellectual Property:** None