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## PREETI MAAN

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[pmaan6@gatech.edu](mailto:pmaan6@gatech.edu)

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### **Required Skills:**

No preference

### **Preferred Team Communications:**

Conference Call, to be discussed

### **Data Sources:**

FHIR, to Be discussed.

### **Other Items:**

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

### **Team Info:**

Needs a Developer, Analyst, DBA and QA. Allows one team of 4-6 members.

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## EMERGENCY MEDICAL SUPPLIES STOCK MANAGER DURING DISASTERS

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In contemporary organizations, health care operations are sustained by numerous services carried out on a systematic manner. Still many organizations are ill-prepared and ill-equipped during natural disasters and do not have effective mechanisms to support operations during the immediate fallout of a crisis. This can cause non-availability of supplies and bring health care operations to an abrupt halt.

The raises need of a stock manager app that can be used to keep track of medical supplies and the predict demand of specific items that will be needed during and after a disaster.

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### PROJECT OBJECTIVES

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The tool should keep track of medicines and equipment and given the input to identify the disaster it should be able to identify what diseases are likely to rise due to the calamity and calculate the rise in demand of medicines and other supplies accordingly.

The tool can also be scoped to automatically order or create order for medicines and supplies for the hospital/clinic based on recent patient procedures.

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### SUCCESSFUL PROJECT

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A successful product should be able to identify and narrow down expected diseases and ailments based on the disaster type given and get list of supplies and their expected count.

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**Intellectual Property:** None