
TAYLOR STARTIN

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Required Skills:

(List skills needed) – Any programming language such as Java to build a Slack integration with.

Preferred Team Communications:

Conference Call, to be discussed

Data Sources:

Slack, WebMd, etc.

Other Items:

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

Team Info:

Needs a Developer, QA, Project Manager. Allows one team of 3-4 members.

Intellectual Property: None

SLACKBOT INTEGRATION FOR MEDICAL QUESTIONS

Currently, we use Siri, Alexa, Google, and so much more to search on everyday items. But when you or your family have a medical question, you may turn to only Google or some search engine. This project is to create an integration with Slack (or other systems such as Alexa, Google Home, etc.) to answer simple questions. Some questions would be simple and some answers should be canned answers, but others should actually work with API to take in systems and patient history to learn about the person and return relevant answers to a user's queries.

PROJECT OBJECTIVES

You will need to use Slack as the beginning platform, but move into another of your choice such as Google or Alexa. You will need to some research to find the best API to use. Sample Symptom Checkers:

<https://symptoms.webmd.com/default.htm>

<https://www.quora.com/What-is-the-best-API-for-medical-diagnosis>.

Continue to build from the previous semesters implementation of the Slackbot, Benedict. More information to follow. Work to create a new integration with either Alexa, Siri, or Google Home. Actually use an API from an available symptom checker. .

SUCCESSFUL PROJECT

A successful project would be for me to ask Slack if I'm dying. It may something like "Eventually". This is a canned response.

But another may be to tell Slack my age, my weight, and my symptoms and have it return a relevant result such as the Web MD symptom checker does.
