STANDUP SURVEY BOT

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PROBLEM STATEMENT

- Standups are efficient in the long term, but as a new project, it can be very hard to know what you are doing.

- Not very specific goals

- Not knowing what to build or where to build it

- Lack of documentation

PROBLEM SOLUTION: SURVEY BOT

- Standups are efficient when you know what to do

- Hard to ask questions during a standup due to time limit

- Automates getting the programmer with the design lead

- Gives the scrum master an easier time with gauging who needs what, when, and how.

HOW IT RELATES TO THE GOAL?

- The bot is able to optimize communication among the team
- Only internet access is needed for employees to stay updated
- Gauges team confidence effectively, and bring those falling behind up to speed

USE CASE

Precondition

Main flow

Sub Flow

Alternative Flow

PRE-CONDITION

- User attended a standup
- Has an API key to send data to a server
- Project Manager is connected to the server

MAIN FLOW

- User will send a confidence level on what they should be doing after the meeting [S1]

- Low Confidences will lead to a meeting with the project lead [S2]

- High Confidences will be charted for user progress reports and compared to tickets completed [S3]

SUB FLOWS

- [S1] User will submit a packaged Json object that corresponds to the form on either an app or a webpage with a post request The central server will receive the post request, and process the confidence level that the user has submitted

- [S2] If the confidence level of the user is low, the server ping the project lead and give the information on who is having trouble with interpreting their task

- [S3] Data suggestion confidence will be stored in the central server as entries in a mySQL database

ALTERNATE FLOW

- **[E1] Programmer does not submit a survey**
  - Reminder to submit
- **[E2] Project Lead Ignores the server's ping**
  - Reminder to act
- **[E3] Multiple programmers submit low confidence**
  - Group meeting instead of a singular meeting

ACCEPTANCE CRITERIA

- Recieves Notifications from users

- Notifies lead when the bot is missing a notification from a programmer

- Gives notification to user that a message is sent

- Gives data in an easily readable format for documentation