Specification Document

# Description

This project is a node.js web application that serves the purpose of hosting the annual High School Programming Contest at Kansas State University. The following are goals of the app's future provided services:

* Provide overview of programming contest information, including sign-up dates and specifications of the event.
* Provide a backend for K-State faculty to host the event and set up problem questions with test-cases.
* Provide an opportunity for high school teachers/coaches/organizers to sign their students up as participants.
* Provide volunteer judges with the ability to easily judge teams based on the provided problem questions and test-cases.

# Stakeholders

* Students: Competitors for the event.
* Master Judges: Organizing, setting up, and managing events.
* Judges: Undergraduates checking if code works with test cases.
* High School Teachers & Administrators: Gives guidance, interested in academic growth of students.

# Technology Stack

* PostgreSQL
* React
* Node.js

# Architecture Overview

A diagram of a system

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