# IA Plan

**CLIENT:** Sreedhar Kukunooru/WATG (Washington Association of Telangana)

The product I have been tasked with developing for WATG is a small app to help coordinate a talent show that takes place every year, called *Dhoom Dhaam*.

## Requirements

- Allow for people to register for the talent show and record their team name, a summary of what they're performing, their email address, and their phone numbers in a spreadsheet to more easily facilitate conversations between the organizers and the participants. This is already in place with a Google Form, but my client would like to decrease dependency on third-party services.
- After checking them in on the day of the event, show the participants what times they are performing and provide them with two reminders to get ready for the performance. In previous years, my client had to spend hundreds on pagers to each team and remind them manually when to prepare for the performance, leaving less htop
- time for organization of other parts of the event.
- At each performance, give the audience the opportunity to vote for the best performance, record the results, and calculate the performance with the highest amount of votes. Next, allow the judges to record their own votes for each performance, and calculate the performance with the highest score. According to my client, in previous years they had a person running around trying to get the votes together in five minutes before the winners were announced.

## Rationale

I have decided to make an an additional web page to add to the official WATG website. If I made an app, I would have had to make sure that the app would work on both iOS and Android. Instead, I can just make a page using JavaScript and HTML5/CSS that accomplishes the same thing, without worrying about compatibility issues. Additionally, just adding an extra webpage to the already existent WATG website decreases the amount of potential work that people have to do to register -- instead of having to install the app, they can just open up a Chrome tab and pull up the page. Finally, making a webpage is much easier than making an app -- instead of spending needless time on figuring out the Android and Swift SDKs, I can use what I already know.