**Finding TechSquatch**

**McKayleigh Polenske and Tyler York**

**Director Link**

**Subject:** Our project group has chosen to create an application that will be used by performance competitions for their registration processes. We chose this subject because Tyler works with and runs most of the current system in place for Lincoln Highschool’s Links Contest. The current system is not efficient and has some limited capabilities. We interviewed the band director/event coordinator, Jill Oetken on September 4th to get a better understanding of what is needed in this new application.

What we learned from this interview is that there is a lot of room for improvement. The registration process for directors needs to be more user friendly, the website needs to be improved and more user friendly, and the way data is stored and retrieved needs to be completely redone and automated. The event coordinators also need a better way to create, view, delete, and complete tasks and to view current event registrations; this would need to be done on a mobile application. Because of our limited amount of time we have narrowed down our scope to contain the most important features that are needed.

**Scope:** When we have finished creating and testing our system, it will be able to accomplish many tasks. The system will have a director’s portal that will allow a director to sign up and create a director account, create, change, and delete director, school, and performance group information, and register a performance group for multiple events.

The system will also have a mobile application for IOS and Android to be used by the event coordinators. This application will be used to view current registration information for upcoming events and will also have a To Do list that they can add, update, delete, and complete tasks on.