**Scrims and Ladders**

**Developer Documentation**

**Jack LLC.**

1. Design and Implementation
   1. Scrims and Ladders uses JavaServer Pages (JSPs) as a base for all of our web pages.
      1. Every page is encoded using Java, JavaScript, and/or HTML.
      2. The visual design of the pages uses Cascading Style Sheets (CSS).
   2. All information is stored within a Postgres Database and were edited using MySQL.
   3. The server the application is running on is Tomcat 9.0.17.
2. Structure
   1. The index page leads to our FAQ, support, and about pages as well as our signup and login pages.
   2. The signup and login pages link to our databases to either register a new account or access a previously created one.
   3. The signup page checks to make sure an email and username are not already in use and moves the user to the appropriate page depending on their role of player or coach.
   4. The login page checks the database for an existing email and password pair and will bring the user to the correct page based on role of coach or player.
   5. From the landing page, you can access the FAQ, about, and support pages as well as view a user’s profile and team.
   6. On the profile page, you can view a user’s information and also edit the information on the page.
   7. The team page allows users with the player role to see if they are on a team and also view the names of the other players on their teams.
   8. The coach has the ability to create a team based off of their ability and play style and will add the team to the team database.
   9. The two main databases that are used are the playerbase and teams tables.
   10. Playerbase holds all users’ information involving their profile and team status.
   11. The teams table holds all the members of a team.