Team Kachow

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Executive Summary

Our product for the Brothers in Golf (BIG) Golf Club is a website that will serve as a place for the players to view their tournament results and hear about upcoming events. We used the MERN stack to create this website application, hosting the MongoDB database in the cloud using MongoDB Atlas. We created our own Node and Express backend that uses HTTP requests to add or delete data from the database.

The website has two main views, a user point of view and an admin point of view. The user is able to subscribe to the mailing list and see posted news articles. They are also able to view an individual player's statistics such as their average score on Par 3, 4, and 5s, as well as a detailed list of their scores from the tournaments that they have played in. They can view a list of tournaments along with a list of player scores from the specific tournament. The admin view is able to see what a user sees, except after logging in, the admin has the ability to add or delete a news article, a player, a tournament, or a player's specific score. The admin is also able to view who has subscribed to the mailing list.

This website allows BIG to move away from mass-emails containing information about previous or upcoming tournaments that would likely get ignored. The website is also a place for our client to store player scorecards online. This additional software will

likely attract more players and will lead to more players playing in the monthly

tournaments, since the club's information will now be online.