

## BYU Disc Golf Architecture & Design Document

### Purpose:

The purpose of this web application is to provide an easy and fun way for disc golf players to find goals in the unofficial disc golf course on BYU campus. Users will be able to track their location on an interactive map and keep track of their current and past scores on a global leaderboard as well as play in groups with friends.

### Design:

The project consists of two parts: the frontend and the backend. The backend will keep track of the users and their scores. The frontend will display score information, goal information, and a map showing the locations of each goal and current location of the user.

### Frontend:

The frontend of our application is written in Angular. The frontend implements a map fragment which will display the goals and current location of the user.

### Backend:

The backend is running a Node HTTP server on AWS to keep track of the users and their scores, as well as provide information for each hole of the course.

