

BrainStation Final Project Scope – Steve O’Neil

Overview

Create a functional user interface (using React) that allows members of the St. George’s Golf Club to interact with their personal “Score Posting Record”.

Scope

Given the fact that I only have a couple of days for this project, my scope is very limited. For this Thursday, this is only a front-end dev project, focused only on member UI. If time permits, I will add some functionality to create an admin UI. The continuation of this project is full-stack in scope as it encompasses data integration (currently manually loaded from Excel spreadsheets), and the potential integration of a web services API to Golf Canada’s Score Centre application.

Data and Reporting

Data will come from a pre-populated source (file to start, then PostgreSQL db) for the 3 main components: Member details, Rounds Played, and Scores Posted. The primary output is a “Score Posting Report” (or SPR) listing for all members to see.

Development Priority

The basic sequence of development effort will be as follows:

- build data structures to handle the 3 primary data sources
- create basic display of member’s SPR data
- build member’s display of their personal score record
- add ability for members to submit adjustments to their record

Follow-on dev priorities:

- build admin interface for the Pro Shop to:
 - add/update member details
 - make adjustments to members score record (in bulk preferably)
- build back-end data integration:
 - saving to relational (Postgres) database
 - wire up import of data from course management system (rounds played) and Golf Canada (scores entered) direct from Excel, and ultimately hooking into web services API

Features

A member should be:

- able to select to view an SPR listing (for either Men or Women) with no special credentials
- able view the details that make up their personal Score Posting Record (requires entry of their semi-secure membership number)
- given the option to submit an adjustment to their SPR and state a reason (see diagrams below)

Basic Member UI Flow

