Info 151 Project Report

Project Responsibilities

Writing and editing of the project report

Iyana Miller

Computing Secutity Technology

Project Responsibilities

Creation and organization of file structure \n Writing project responsibilities

Alyssa Diallo

Computing & Security Technology

Project Responsibilities

Creation and coding of the JS files \n Correction of indentations \n Adding all code comments

Christy Tran

Information Systems, Business Administration

Project Responsibilities

Creation and initial coding for the HTML pages (and roster images) \n Creation and initial coding for the CSS files

Sarah Bunting

Cybersecurity and Computer Technologies, Data Science, Bioinformatics

Phillies Stats Hub

Our team developed and multi-page Phillies- themed status hub our vision is to treat this start up as an early prototype of a sports- data platform starting with our beloved home baseball team, the Philadelphia Phillies and hoping to watch it grow to other teams and possibly other major league sports. As a small start-up we focused on usability, scalability, and clean design.

With those in mind we built a web application with HTML, CSS, and JavaScript that organizes team and player stats across several pages, integrates interactive elements and demonstrates the potential for further development for a fan-driven analytics product. With many short- and long-term visions such as being a fully dynamic, data-driven platform that updates in real time and connects fans through elements and profiles.

Our primary goals are as stated below:

- Build a multi-page, navigable website using core web technologies
- Structure content logically through clean navigation, reusable components
- Make the experience interactive by implementing
    - Hover effects
    - Computer player starts
    - Basic form validation
    - Dynamic presentation of r0oster and summary states

With additional resources and investor support this platform could evolve significantly the potential next steps could include:

- Live API integration for real-life Phillies and MLB statistics
- User accounts with personalized dashboards
- Advanced data visualization such as charts and game predicts
- Mobile-responsive redesign for broader accessibility
- Comment sections, fan forums and profile customs
- Transition to a full stack appliance using frameworks like React, Node.js and Express

in conclude our Phillies State Hub showcases our understand of core web development principles while presenting a strong foundation for a scalable sports analytics platform. Through our deliberate design, organized structure, and interactive design we believe we have created a compelling program that showcases both technical skill and entrepreneurial potential. We look forward to the opportunity to expand this concept with the support of future partners and investors