3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
Justin Perez	Chief of Staff of the UofL Men's Basketball Team	One of Justin's primary roles it to go over and input data he receives from other members of the management team. With some using excel for their data and others writing it down on paper, as well as no one centralized place to keep the data, Justin is interested in a website that can be used to centralize all data, streamline data input, and format its output.

3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Coaches	Those who use the data to make decisions about the team. Full access to all data.	Input data, format data, and coordinates work.	Justin Perez

Name	Description	Responsibilities	Stakeholder
Sports Medicine Directors	Those who record, input, and make decisions based on sports medicine data. Access limited to sports medicine, nutrition, and	Input data, format data, analyze data, and produce reports.	Justin Perez

	strength training data.		

Name	Description	Responsibilities	Stakeholder
Strength and Conditioning Coaches	Those who record, input, and make decision based on strength training data. Access limited to nutrition and strength training data.	Input data, format data, analyze data, and produce reports.	Justin Perez

Name	Description	Responsibilities	Stakeholder
Sports Nutrition Directors	Those who record, input, and make decisions based on nutrition data. Access limited to nutrition data.	Input data, format data, analyze data, and produce reports.	Justin Perez

3.3 User Environment

Currently, data is compiled using a combination of excel spreadsheets, CSV files, and writing it on paper. Justin receives data from many different sources and inputs the data manually. Inputting, sorting, and formatting are a problem. The goal of this project is to have a website where the basketball management team can each input their data separately and have it all in one place. This makes it easier to input data, as it doesn't have to be sent to Justin beforehand, and it greatly improves the ability to analyze data through the use of formatting tools.

3.4 Summary of Key Stakeholder or User Needs

Need	Priority	Concerns	Current Solution	Proposed Solutions

Data Input Streamlining	High	There isn't a place for all of the relevant people to input their data	Sending the data to Justin and having him put the data in excel spreadsheets	Being able to input your relevant data directly into the website where anyone with the right access and view it
Data Output Formatting	High	It's difficult to view all relevant data easily	Looking at multiple different files at the same time	Having all relevant data viewable from a single page, as well as being able to format that data to view only what you need
Security	High	Player data is vulnerable	Have data in files only accessible to the creators	Have data secured in the website only available to the basketball management team, as well as having different levels of access within the team

3.5 Alternatives and Competition

One alternative is to maintain the status quo. This means Justin would continue to receive data through many different mediums and input it all manually himself. This wouldn't require any additional training as it is the current system, but it is very inefficient.

Another alternative is to improve the current use of excel. By using excel and access in tandem, it could improve the current system and provide the needed database. It would be cost-effective and relatively simple. However, we plan on having more output formatting tools than excel could provide, as well as making them very simple to use. Therefore, it wouldn't be as simple to format data for analyzing if using excel.

4. Product Overview

4.1 Product Perspective

The website we're designing is self-contained. It will take the information from the already existing excel sheet and CSV files into the new database and completely replace the existing system.

4.2 Assumptions and Dependencies

This product assumes the use of website design and content management systems. We also assume Justin and the management team will be capable of paying the monetary requirements, those being website and database maintenance costs, WordPress fees, and fees associated with training. The team is also assumed to be capable of utilizing and maintaining the website.