

COS60015:Assignment1

Box hill Labradors Baseball Club

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1. Introduction

This report outlines the development process and design considerations for the Baseball Club website, a single-page application (SPA) designed to serve as the primary communication platform for all stakeholders associated with the club. The website's primary goal is to facilitate interaction between players, coaches, fans, and management through an intuitive and responsive interface. The following sections provide a detailed overview of the project, including the vision, objectives, personas, features, user stories, project roadmap, wireframe design, and reflections on the process.

2. Vision Statement

The vision of the Baseball Club website is to create a dynamic, engaging, and accessible platform that facilitates communication and interaction among players, coaches, fans, and management.

2.1. Objectives

The primary objectives of the Baseball Club website are:

- To provide easy access to player rosters, upcoming events, and the latest news.
- To enhance user interaction with a responsive and user-friendly interface.
- To ensure the site is accessible across different devices with consistent styling and layout.
- To integrate interactive elements such as forms, media carousels, and dynamic tables to engage users.

These objectives are designed to address the needs of various user groups, from players needing quick access to game schedules, to fans looking for the latest news and updates.

2.2. User Personas

User personas were developed to guide the design and development of the website, ensuring that the final product meets the needs of its diverse audience.

2.2.1. Mike (Coach)

- **Role:** Head Coach
- **Objective:** Mike needs to quickly access and update player statistics to analyze and strategize for upcoming games. He values a platform that is intuitive and allows him to focus on coaching rather than navigating a complex system.

2.2.2. John (Player)

- **Role:** Pitcher
- **Objective:** John wants to check the schedule of upcoming events and games to manage his time effectively. He seeks a streamlined experience where he can find the information he needs without any distractions.

2.2.3. Sarah (Fan)

- **Role:** Avid Fan
- **Objective:** Sarah wants to stay updated with the latest news and events to support her favorite team. She appreciates an engaging and visually appealing platform that allows her to feel connected to the club.

2.2.4. Linda (Team Manager)

- **Role:** Team Manager
- **Objective:** Linda needs to manage event logistics and communications with the players to ensure team coordination. She requires a reliable and organized platform to keep everyone on the same page.

3. Features of Website

The Baseball Club website is designed to include the following key features, which align with the needs of the user personas:

- **Navigation:** A responsive navigation bar at the top of the page provides easy access to different sections of the website. This feature is critical for users like Mike and John, who need quick access to specific information.
- **Player Roster:** A table displaying detailed player information, including statistics, positions, and availability. This feature is particularly useful for Mike, who needs to keep track of player performance.
- **Event Schedule:** A calendar view and a table listing upcoming events and games. John and Linda rely on this feature to plan their schedules and ensure that the team is prepared for each event.
- **Latest News:** A section showcasing the latest news articles related to the club. This feature is designed for Sarah, who wants to stay informed about team developments and events.
- **Media Carousel:** A rotating carousel featuring images and videos related to the club. This visually engaging feature appeals to fans like Sarah and helps maintain a vibrant online presence for the club.

- **Forms:** Contact and feedback forms to engage with the club. This feature allows users to interact with the club, whether they are submitting inquiries or providing feedback on events.
- **External Widgets:** Integration of external widgets, such as social media feeds or weather updates, to enhance the user experience. This adds additional functionality that can be useful for all users.

4. User Stories

Based on the identified personas, the following user stories were developed to guide the website's functionality:

- **Mike (Coach):** As a head coach, I want to quickly access and update player statistics, so that I can analyze and strategize for upcoming games. This story emphasizes the need for a user-friendly interface that allows for quick data retrieval and updates.
- **John (Player):** As a player, I want to check the schedule of upcoming events and games, so that I can prepare and manage my time effectively. This story highlights the importance of an easily accessible and up-to-date schedule.
- **Sarah (Fan):** As a fan, I want to stay updated with the latest news and events, so that I can follow and support my favorite team. This story underscores the need for a dynamic news section that keeps fans engaged.
- **Linda (Team Manager):** As a team manager, I want to manage event logistics and communications with the players, so that the team is well-coordinated and prepared. This story focuses on the need for effective communication tools within the website.

5. Project Roadmap

The project was organized into an epic divided into four sprints, each focusing on different aspects of the website's development.

5.1. Epic

- **Goal:** To deliver a fully functional Baseball Club website that meets the needs of all identified personas.

5.2. Sprint 1

- **Tasks:** Initial setup, persona development, and wireframe design.
- **Outcome:** Completed high-fidelity wireframes and defined project objectives.

5.3. Sprint 2

- **Tasks:** Implementation of accessible HTML structure using Bootstrap.
- **Outcome:** Developed a responsive and structured layout for the website.

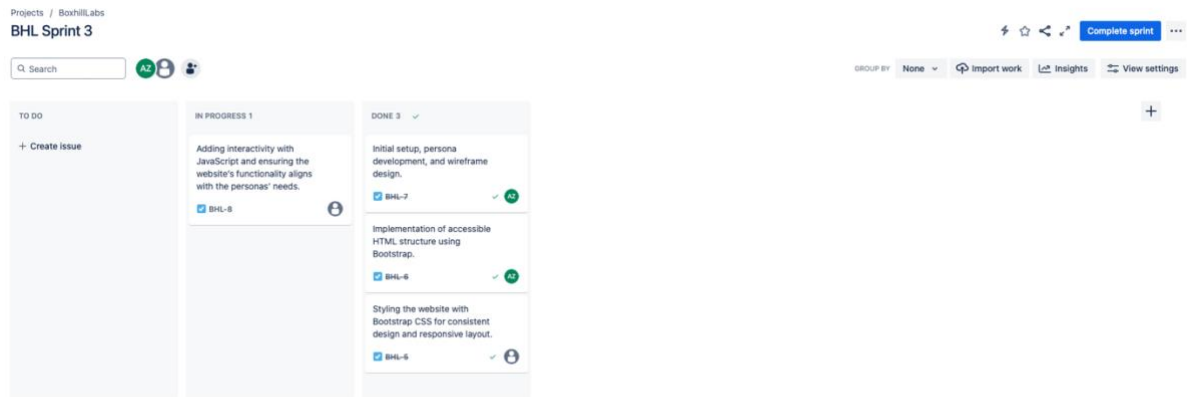
5.4. Sprint 3

- **Tasks:** Styling the website with Bootstrap CSS for consistent design and responsive layout.

- **Outcome:** Applied Bootstrap classes to ensure uniform styling and improved user experience across devices.

5.5. Sprint 4

- **Tasks:** Adding interactivity with JavaScript and ensuring the website's functionality aligns with the personas' needs.
- **Outcome:** Integrated dynamic content and interactive features using JavaScript, including media carousels and form validations.



6. Wireframe

A fully-mocked wireframe was created using Bootstrap's grid system to ensure responsiveness and consistency across different devices. The wireframe includes the following elements:

- **Typography:** Bootstrap's default font stack ensures readability and accessibility, with variations in size and weight to distinguish headings, subheadings, and body text.
- **Information Architecture:** Clear navigation, player rosters, events, and latest news sections are organized using Bootstrap's `container`, `row`, and `col` classes.
- **Form Controls:** Forms are styled with Bootstrap classes to ensure a consistent look and feel across all form elements, improving usability and accessibility.

Moqups

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Logo

Header971x60

BOX HILL LABS

Home

News

Events

Players

Standings

Contact

Search

Carousel

Events

Players

Standings

Contact us

Placeholder

Placeholder

Placeholder

Type here

Button

7. Conclusion/Reflection/Summary

The Baseball Club website project was successfully developed using Agile methodology, with a focus on user experience, accessibility, and responsiveness. Bootstrap proved instrumental in achieving a cohesive and responsive design, offering a wide range of components and utilities that streamlined the development process. JavaScript was employed to add dynamic functionality, enhancing user engagement and ensuring that the website met the diverse needs of its user base.

8. References

- Bootstrap Documentation: <https://getbootstrap.com/docs/5.0/getting-started/introduction/>
- Agile Manifesto: <https://agilemanifesto.org/>
- JIRA Software Documentation: <https://www.atlassian.com/software/jira/guides/getting-started/overview>