NOVA SCOTIA CRICKET ASSOCIATION PROJECT PLAN

The client for this project is the NS Cricket Association, with the contact being Mr. Khurram Aziz. After going through the RFP (Request For Proposal) and speaking with Mr. Aziz, the team has come to the conclusion that the project calls for a revamp to the front-end of the NS Cricket Association. This will be orchestrated in the form of a new website with new databases acting as back-end. The current website is limited in its functionality and usefulness to Mr. Aziz's organization. The goals for the new website are to facilitate newer kinds and more diverse categories of users to register, and to make the availability of some sections of information more transparent and visible. Some administrative functionality will also need to be added.

MEASURABLE ORGANIZATIONAL VALUE (MOV):

The impact of the project will mostly be with regards to:

a) operations of the website, and

b) the users and visitors to the website.

Area of Impact	Improvement
Operational	- Communication system - More administrative functions/team manager functions available

User	- More categories of users for registration.

The new website will boost engagement with users and boost functionality.

A metric for measurement would be checking the functionality of each of the features listed and see if they all work as expected. The project will be a success if at the end of the project:

- Administrative functions can be carried out successfully

- Guest users are able to register as one of the categories listed

BENEFITS:

After the project has been completed the following benefits will be observed:

- Administrator page/profile to carry out important functions such as assign team managers

- A system to communicate with the users.

- Statistics from CricClubs presented as links.

- Webpage(s) display information for schedules and other specifics.

SCOPE:

In Scope	Out of Scope
• Construct ERD • Build Sitemap • Draft Wireframes • Back-end database • System to interact with and message users & social media links	• A complete front end: includes other webpages not covered "in scope". (There are a lot of pages in this website and there will not be enough time to complete all.)

• Landing page, link to statistics, login/register page, admin page, webpage(s) for information.

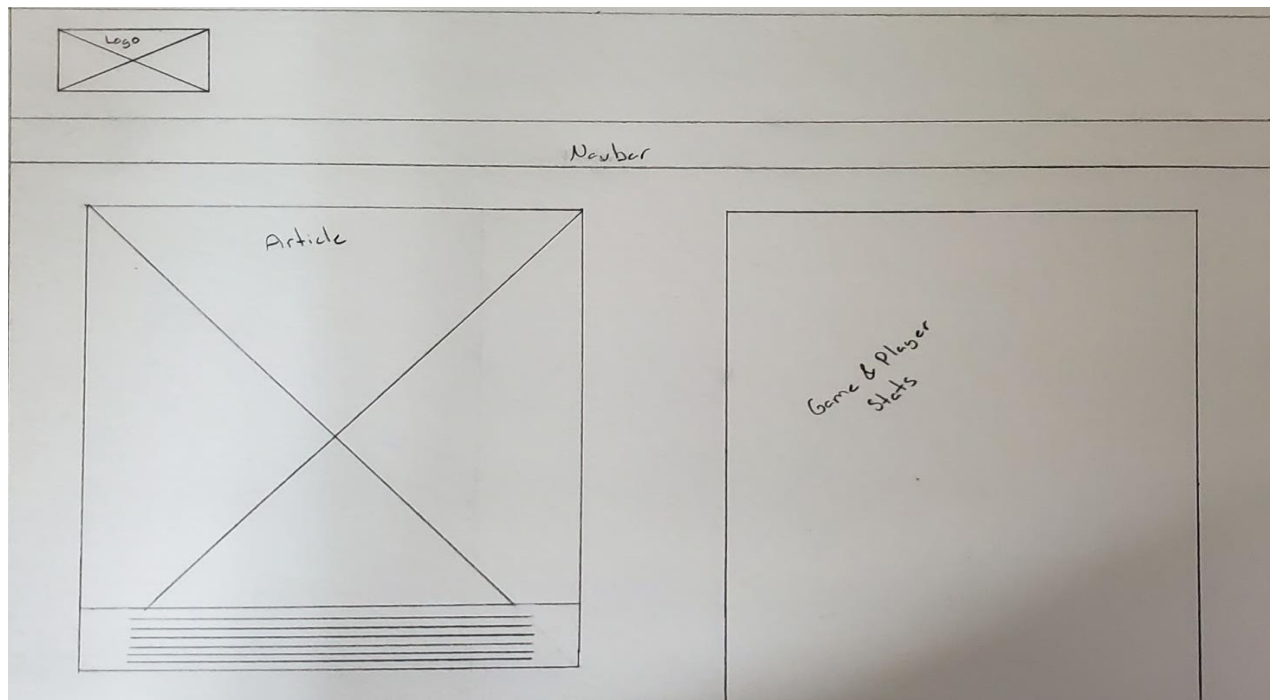| Unresolved |
|---|
| • Build framework to let create more responsive webpages to provide information. |

PROPOSED SOLUTION:

This project involves both a back end and front end. For this reason, we will be using a combination of front end/back-end technologies. For front end development, we will be using React.

We may also include the Bootstrap framework.

For back-end, we will be using PHP and Code Ignitor. Code Ignitor is a PHP framework.
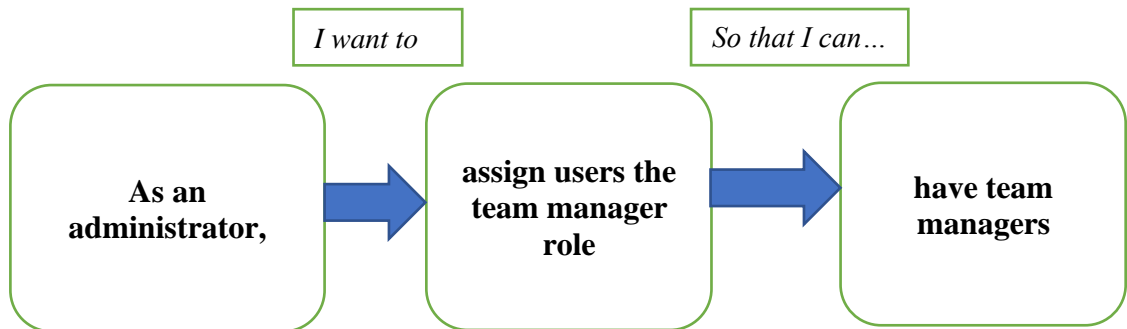
Our final product will resemble the following skeletal wireframe; shown below is the landing page:
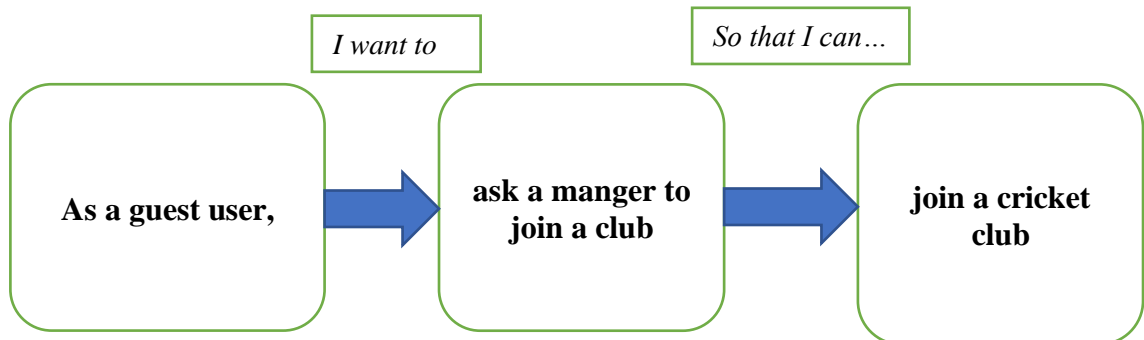
USER STORIES:

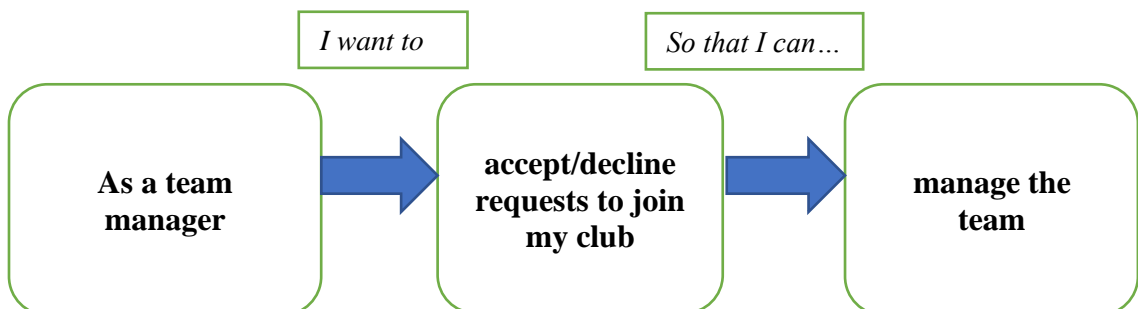These are three user stories listed in order of their priorities:

1. As an *administrator* I would like to *assign users the team manager role* so I that I can *have team managers*.

	I want to		*So that I can…*
As an administrator,	→	**assign users the team manager role**	→	**have team managers**

2. As a *guest user*, I want to *ask a manager to join a club* so that I can *join a cricket club*.

	I want to		*So that I can…*
As a guest user,	→	**ask a manger to join a club**	→	**join a cricket club**

3. As a *team manager*, I want to *accept/decline requests to join my club* so that I can *manage the team*.

	I want to		*So that I can…*
As a team manager	→	**accept/decline requests to join my club**	→	**manage the team**

TEST PLAN:

Since the primary metric whose benefits can be measured is functionality, we will measure success in terms of original goals accomplished.
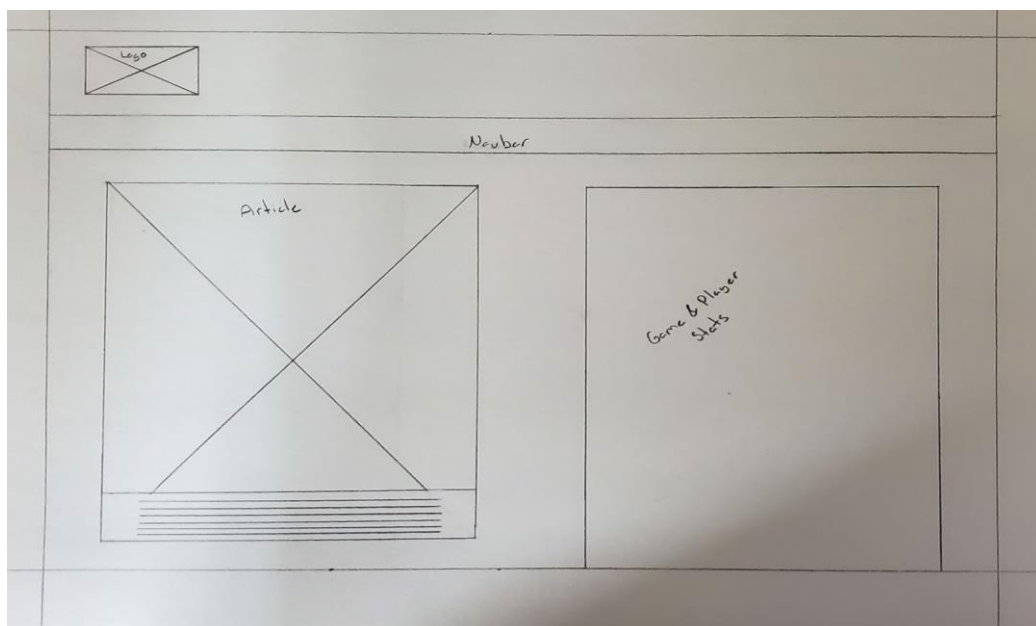
We will check if:

- A guest user can register in a cricket club and start playing

- Team managers can accept or decline join requests and/or respond to user communications

- Administrators can assign roles to certain users

After completion of the project, the process to register should be enabled and communicating with the NS Cricket association should be made doable.
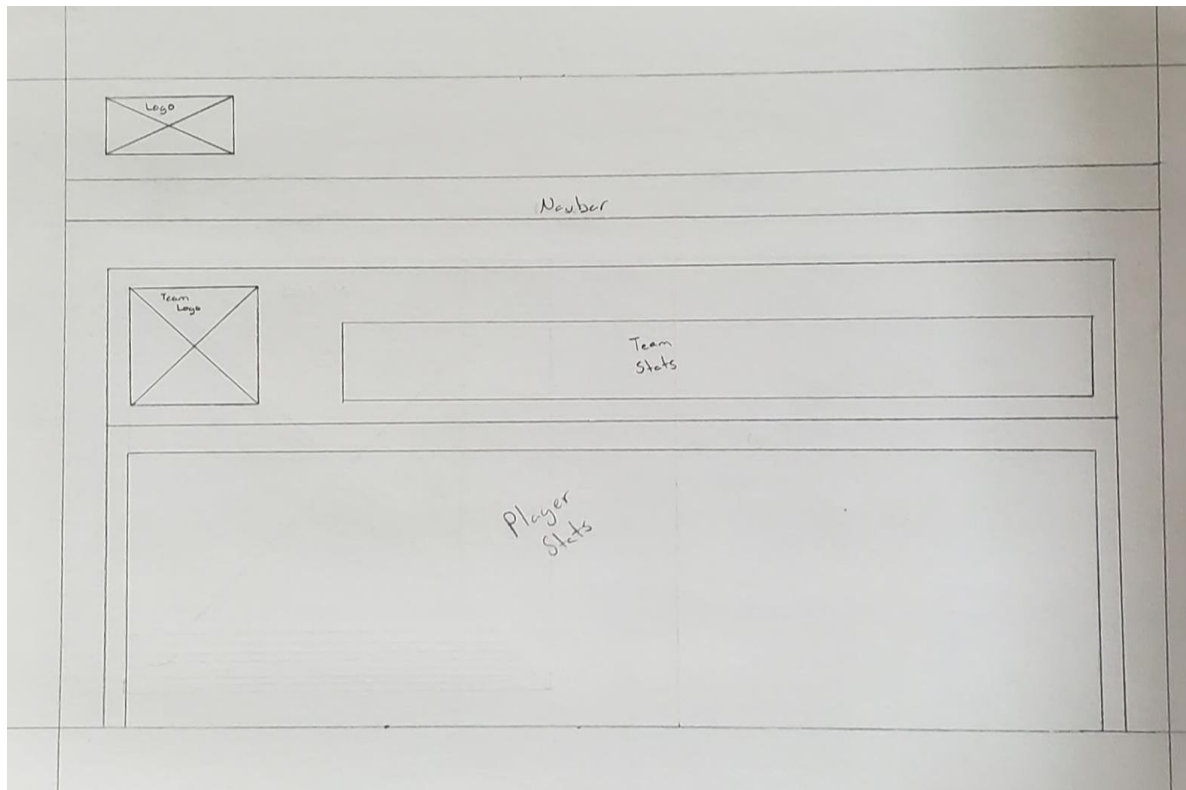
PROTOTYPES:

Below are some low fidelity prototypes for how pages of the website will look. The landing page/home page and the Team page have been sketched below, as a wireframe.

Landing page:

Team page:

TEAM MEMBERS:

Name	Skills & Interests
Elijah Whynot	• Full-stack web development • AWS • JavaScript • Java • MySQL
Nicholas Deschenes	• Full-Stack Web Development
Jiashu Li	• HTML, JavaScript, Java, MySQL
Brandon Franke	• HTML, CSS, PHP, Java, Angular, MySQL
Mitadru Mitra (Lead)	• HTML, CSS, Java, JS, UX