Developing a web application for the Northern Illinois Hockey League

OVERVIEW

PROBLEM

The NHL is a large youth hockey league in Northern Illinois with over 275 teams. Many of their processes are done manually including scheduling and statistics management.

Scheduling is:
1. Expensive
2. Chaotic
3. Time-consuming
4. Inefficient

Statistics Management is:
1. Outsourced
2. Expensive
3. Low-tech
4. Time-consuming

GOAL

Automate NHL’s current processes by creating a new and improved web interface that NHL users and the public can easily use and navigate. Goals for our website include:

1. User-Friendly
2. Self-Sufficient
3. Universal
4. Time Efficient

SOLUTION

IPRO 308 expanded on data and information from the previous team in order to refine and improve the application.

User experience was the primary focus of the current team. Usability testing was conducted in order to make well-researched changes to the interface design. Development and functionality testing was also a big part of the overall solution.