

IPRO 308

Developing Web Applications for the Northern Illinois Hockey League

Objective

The Northern Illinois Hockey League is the largest non-profit hockey league in Illinois. The goal of IPRO 308 was to start development on a web-based scheduling and scoring application that could support the NIHL's annual operations.

Basic Organization and Tasks

IPRO 308 delegated responsibilities to two separate groups. During the first half of the semester, the tasks the groups worked on were: research and prototype design. The latter half of the semester involved regrouping to work on the following tasks: documentation, development, debugging and testing.

Accomplishments

Accomplishing our goals to a high degree, IPRO 308 made significant progress. A working prototype of the web-based scheduling and scoring application was created. The main task of scheduling and scoring automatically was established.

Critical barriers and obstacles

We as a team thought of new ideas throughout the research process. Many of these ideas were discussed and depending on how we decided the ideas, were integrated into our final product. Our testing was limited because we didn't have time for the mass amounts of data entry needed.

Conclusion

IPRO 308 made significant progress starting this IPRO for future semesters. These steps have put the project in a position where the application is ready for further testing, de-bugging and deployment. The application can schedule and score all the games for the NIHL.

Next steps

Future members of this IPRO will need to complete and deploy the working prototype application. The application will have to be completely de-bugged, styled and eventually deployed. Also, after deployment there will have to be more debugging and testing. The application will completely self-sufficient.

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