



# Final presentation

Team 14



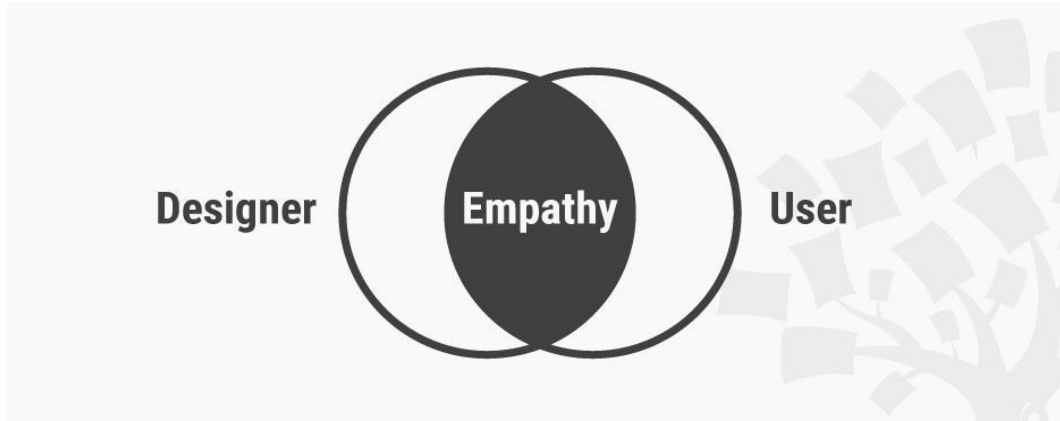


# The Design Challenge

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# Empathize

- Beginner's mindset
- User statements → interpreted needs
- Ex: find functions quickly → simple and user friendly control panel
- Display Team Setup, Goalie Matchup, etc → Product allows user to input a combination of graphics and text in order to display it.

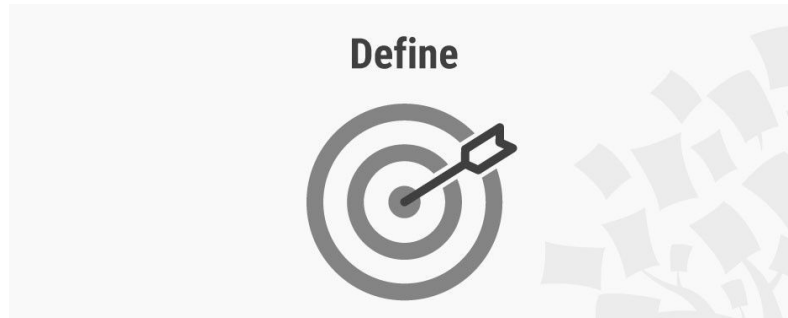


# Chosen Subsystems

- Home screen
- Team setup
- Goalie matchup
- Standings and stats
- Three stars
- Fan birthdays

# Define

- Define what the product has to be
- Interpreted needs → design criteria → target specifications
- Ex: simple and user friendly → length of time to perform function →  $< 3s$
- Problem statement: create a Dashboard user interface that is simple, clear, and configurable that can be used by Ross Video to efficiently control the scoreboard at Ottawa 67's games

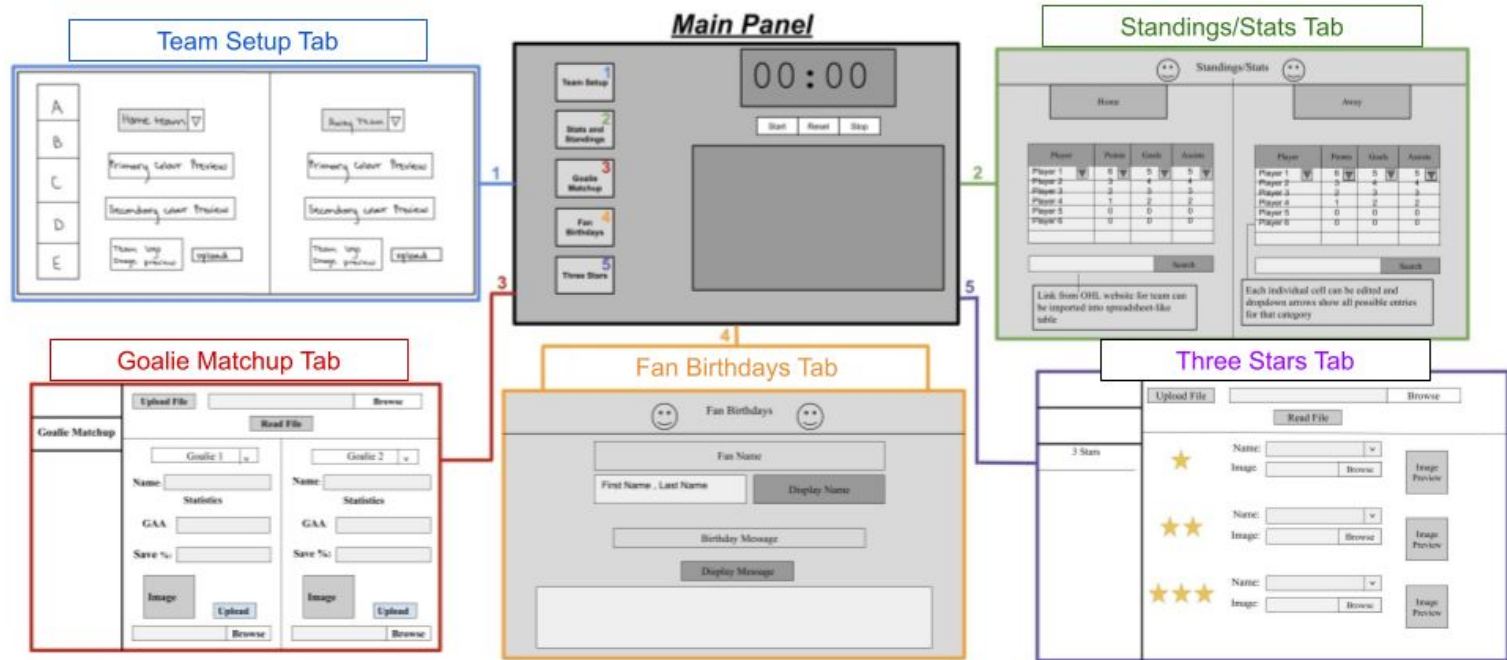


# Benchmarking

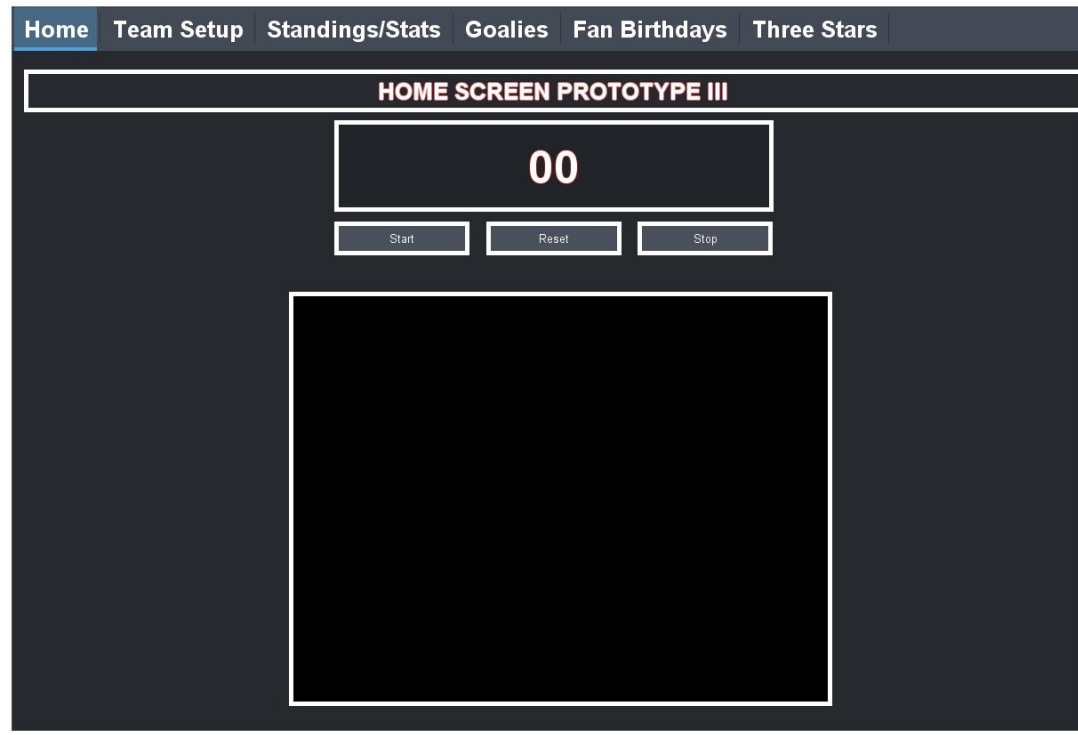
- Scorevision
  - Designed for sporting events
  - Built in fan interaction mechanisms ()
- Daktronics
  - Very efficient
  - Profiles specifically for sporting events

# Ideate

Conceptual design:



# Prototypes





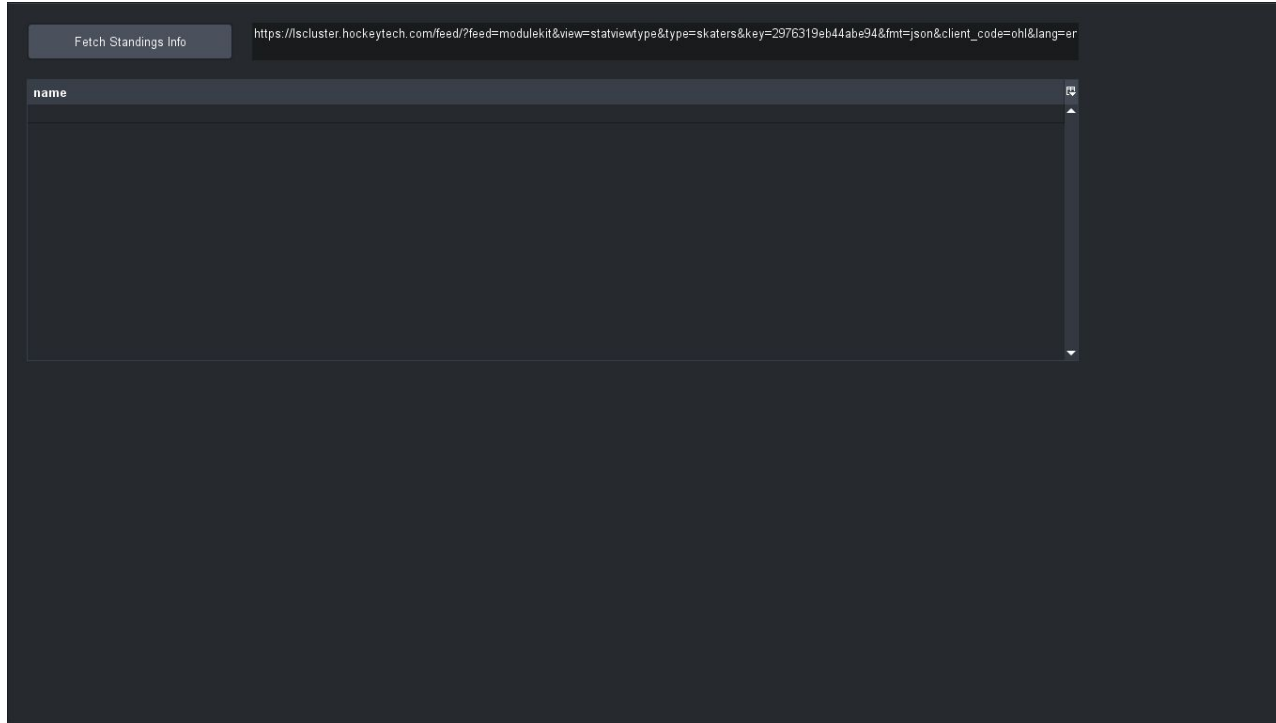
# Team Setup

Home **Team Setup** Standings/Stats Goalsies Fan Birthdays Three Stars

### Team Setup

Home Primary	Away Primary
#D7112F <input type="button" value="Select"/>	#1FE7D2 <input type="button" value="Select"/>
Home Secondary	Away Secondary
#E19E08 <input type="button" value="Select"/>	#1B13B8 <input type="button" value="Select"/>
Home Logo Select	Away Logo Select
<input type="button" value="x"/> 10be709d49c648391.jpg <input type="button" value="Browse..."/>	<input type="button" value="x"/> ttop/132795545709-0.jpg <input type="button" value="Browse..."/>

# Standings/Stats



Original version of system used to retrieve data using a JSON file, based on techniques learned from our first project specific lab.

# Standings/Stats

Stats & Standings													
?	Update	Season 2021-22 Regular Season											Clear Table
Team Stat Standings Filter		Overall											Go
team_id	name	city	team_code	placeholder	division_id	wins	losses	ties	ot_losses	reg_ot_losses	ot_wins	shootout_wins	
5	xyz - Ottawa 67's	Ottawa	OTT	0	1	50	11	0	0	11	10	3	
14	xy - London Knights	London	LDN	0	4	45	15	0	1	16	5	0	
34	xy - Saginaw Spirit	Saginaw	SAG	0	3	41	16	0	3	19	5	0	
12	xy - Sudbury Wolves	Sudbury	SBY	0	2	34	27	0	1	28	4	1	
10	x - Kitchener Rangers	Kitchener	KIT	0	4	40	16	0	5	21	1	4	
13	x - Flint Firebirds	Flint	FLNT	0	3	40	21	0	1	22	8	2	
6	x - Peterborough Petes	Peterborough	PBO	0	1	37	21	0	2	23	1	0	
17	x - Windsor Spitfires	Windsor	WSR	0	3	34	20	0	8	28	6	4	
4	x - Oshawa Generals	Oshawa	OSH	0	1	31	20	0	6	26	4	1	
9	x - Guelph Storm	Guelph	GUE	0	4	32	23	0	3	26	3	4	
11	x - Owen Sound Attack	Owen Sound	OS	0	4	30	24	0	4	28	6	2	
7	x - Barrie Colts	Barrie	BAR	0	2	29	28	0	4	32	5	3	
8	x - Erie Otters	Erie	ER	0	4	26	26	0	4	30	1	2	
16	Soo Greyhounds	Sault Ste. Marie	SOO	0	3	29	31	0	3	34	1	1	
18	x - Mississauga Steelheads	Mississauga	MISS	0	2	27	29	0	4	33	1	3	
1	x - Hamilton Bulldogs	Hamilton	HAM	0	1	24	30	0	7	37	1	3	

Upgraded version of system used to retrieve data using a JSON file.



# Goalie Matchup

The screenshot shows a web application interface for 'Goalie Matchup'. At the top, there is a navigation bar with tabs: Home, Team Setup, Standings/Stats, Goalies (selected), Fan Birthdays, and Three Stars. Below the navigation bar is a header for 'Goalie matchup'. The main content area is split into two columns: 'Home Team' and 'Away Team'. The 'Home Team' section shows 'Ottawa 67's' selected, with a 'Go' button and a 'Clear Table' button. Below this is a table with the following data:

name	save_percentage	goals_against_average	rank	player
Cedrick A...	0.916	2.42		1 <a href="https://a">https://a</a>
Will Cranley	0.694	2.81		2 <a href="https://a">https://a</a>
Empty Net		24.32		
Totals	0.907	2.60		


The 'Away Team' section shows 'Hamilton Bulldogs' selected, with a 'Go' button and a 'Clear Table' button. Below this is a table with the following data:

name	save_percentage	goals_against_average	rank	player
Zachary Roy	0.889	3.81		1 <a href="https://a">https</a>
Marco Co...	0.873	4.34		2 <a href="https://a">https</a>
Matteo Dr...	0.788	7.03		3 <a href="https://a">https</a>
Empty Net		16.16		
Totals	0.876	4.25		

The Goalie Matchup subsystem uses a JSON file, similarly to the Standing/Stats subsystem.

# Three stars

**Three stars**

Insert Graphi...    Insert Graphi...    Insert Graphic 2    

Third Star    First Star    Second Star

Name	John	Phil	Marcus
Number	3	2	3
Team	Team A	Team A	Team A

Three stars subsystem allows you to see the 3 best players in the game.

# Three stars

Name	John
Number	1
Team	1

Team	Team B
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# Fan birthday

Home Team Setup Stats & Standings Goalie Matchup **Fan Birthdays** Three Stars

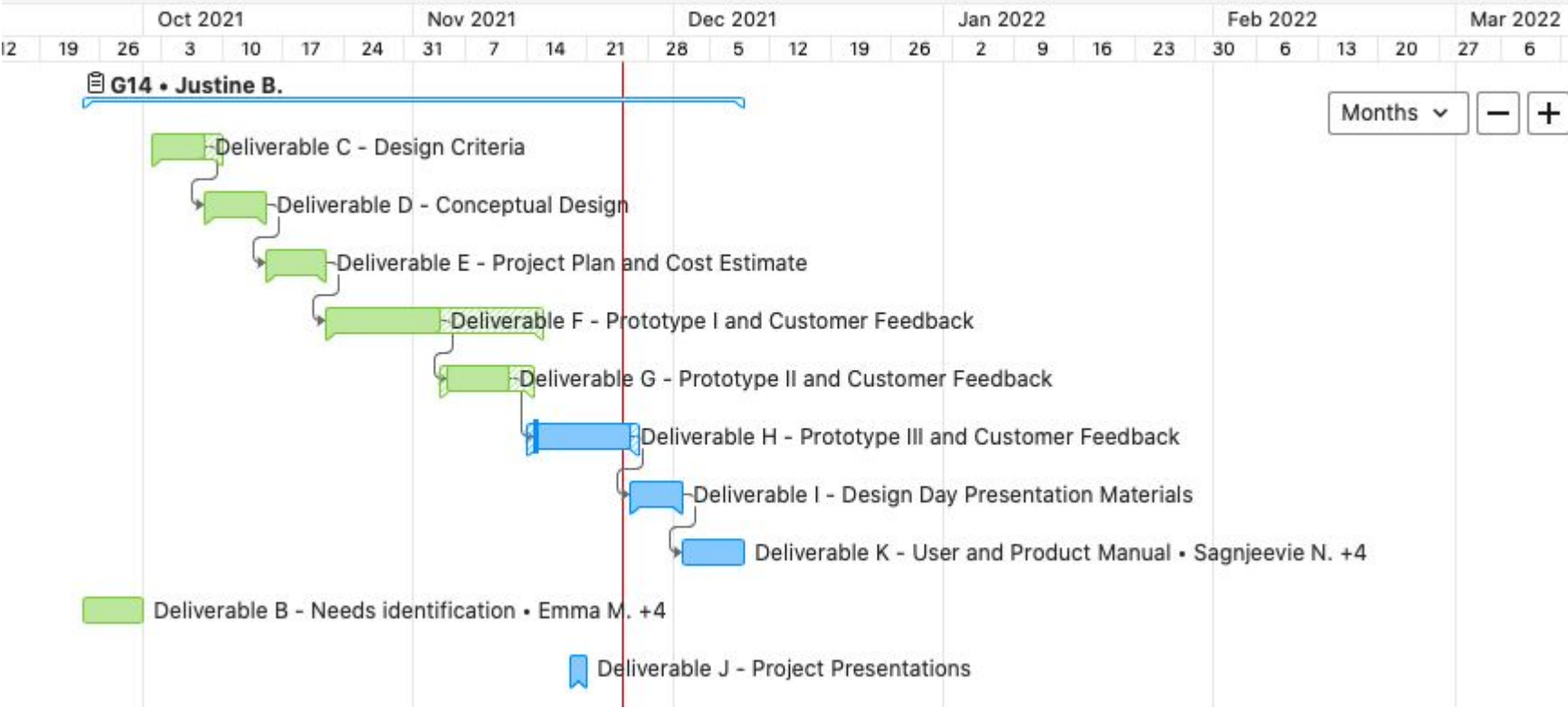
### Fan Birthdays

Tab 1 Tab 2 Tab 3 Tab 4 Tab 5 Tab 6 Tab 7 Tab 8 Tab 9

Name	Mike	Confirm
Age	18	Confirm
Birthday Message	happy birthday	Confirm

Fan1	Fan2	Fan3
Fan4	Fan5	Fan6
Fan7	Fan8	Fan9

# Project Plan





# Lessons Learned and Next Steps

- ❖ Process feedback from testers (prototype 3) and implement changes
- ❖ Link elements in different subsystems to reduce work for the user where possible (optimize user friendliness)