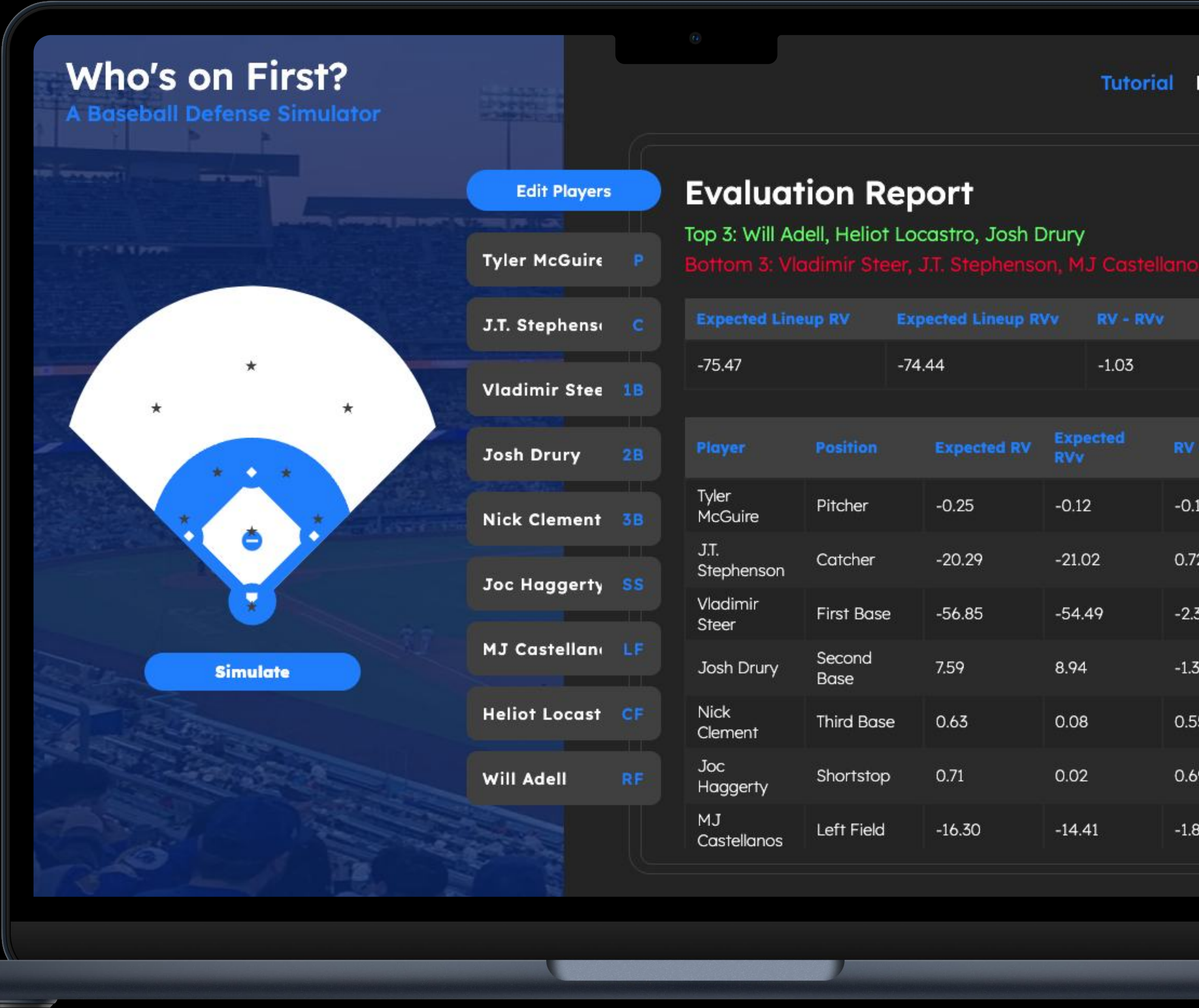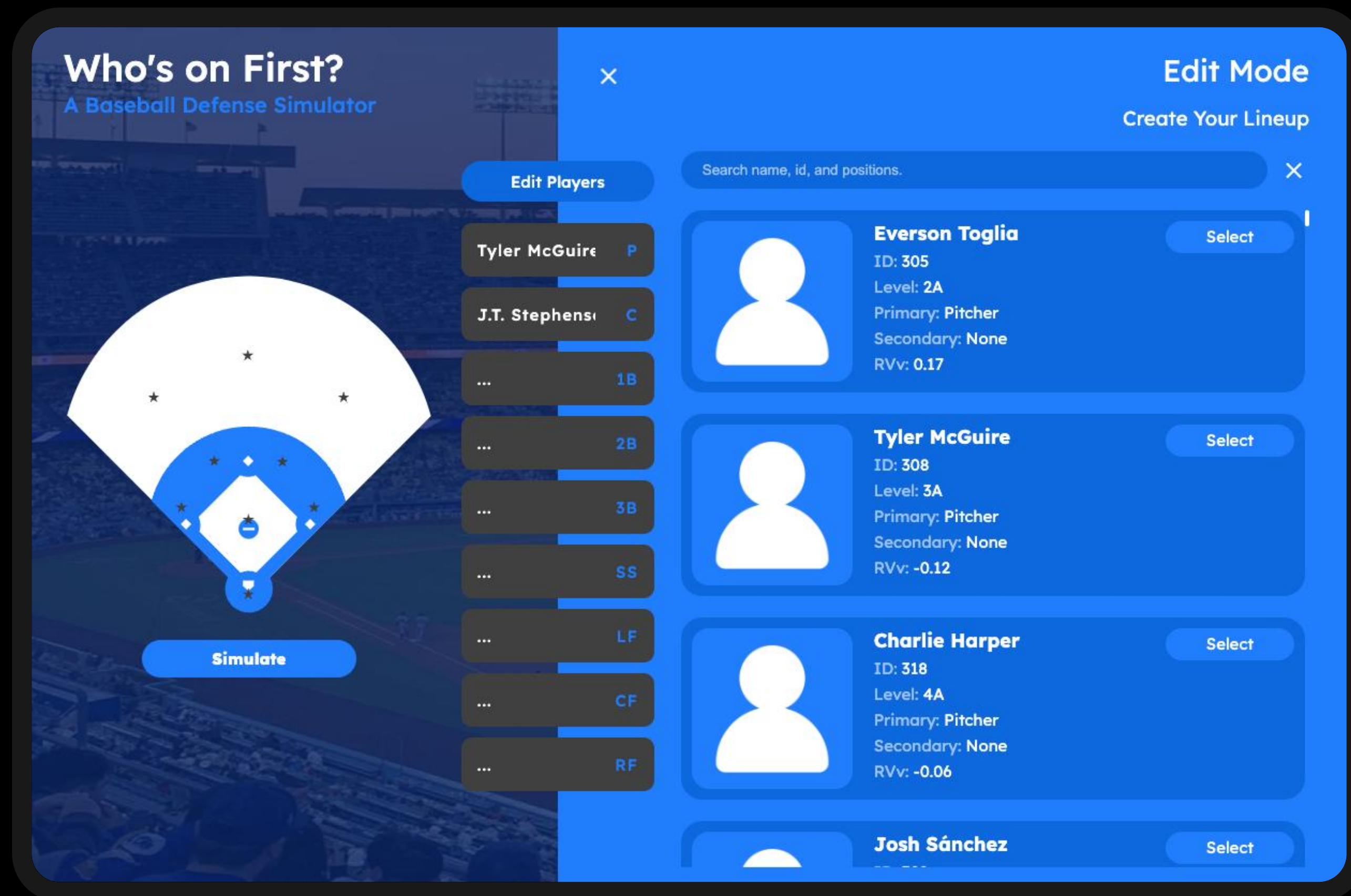# Who's on First?

A Baseball Defense Simulator

Feature Walkthrough

Who's on First? - A Baseball Defense Simulator

Build Your Own Lineup

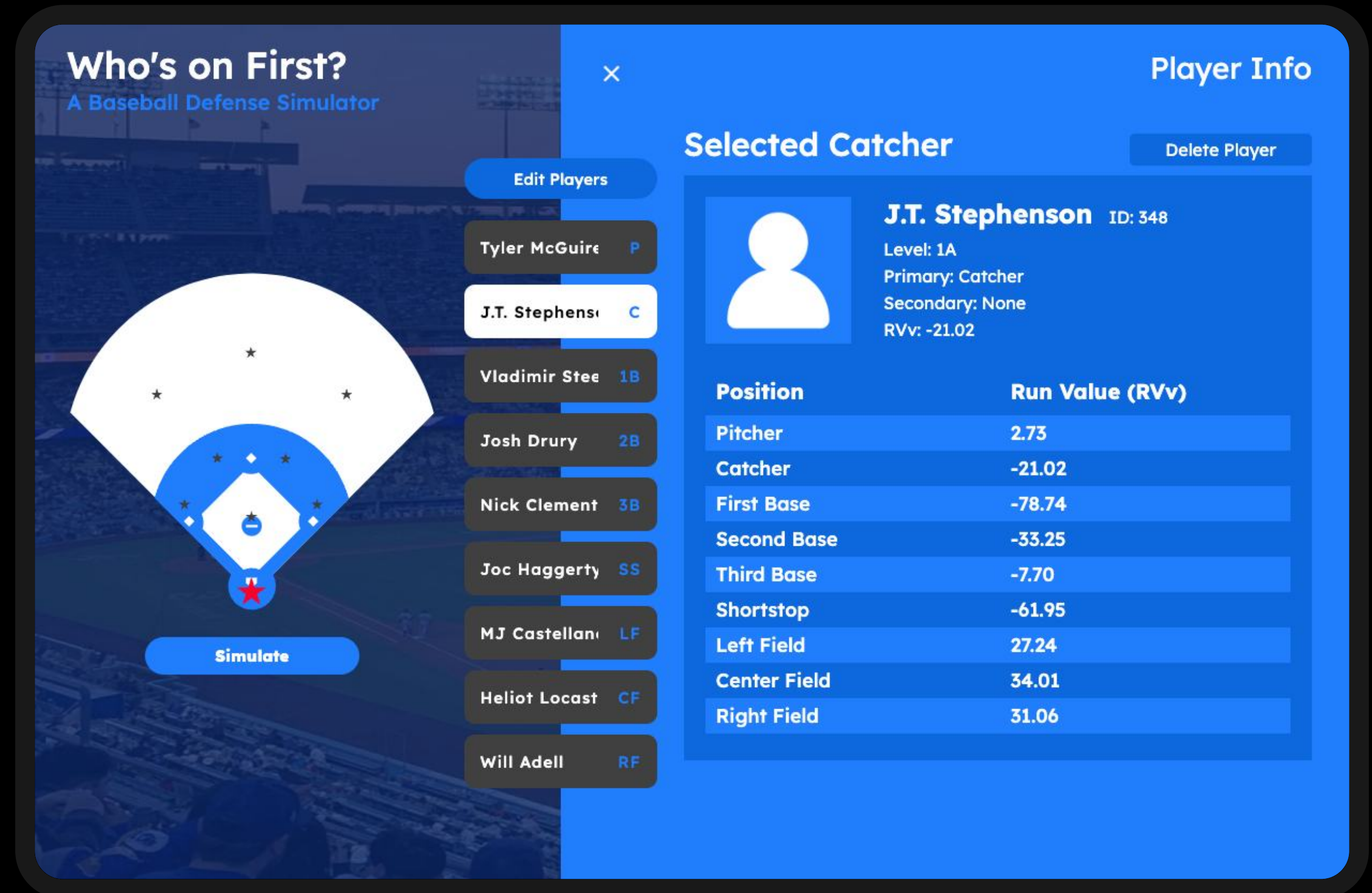Browse through players or use the search feature to customize your team.

Interactive Field

Click on the stars on the field or the lineup to view player data for each position.

Player Data

View relevant data for each player in the lineup.

Who's on First?
A Baseball Defense Simulator

Edit Players

Tyler McGuire	P
J.T. Stephenson	C
Vladimir Stee	1B
Josh Drury	2B
Nick Clement	3B
Joc Haggerty	SS
MJ Castellan	LF
Heliot Locast	CF
Will Adell	RF

Simulate

Player Info

Selected Catcher

Delete Player

J.T. Stephenson ID: 348
Level: 1A
Primary: Catcher
Secondary: None
RVv: -21.02

Position	Run Value (RVv)
Pitcher	2.73
Catcher	-21.02
First Base	-78.74
Second Base	-33.25
Third Base	-7.70
Shortstop	-61.95
Left Field	27.24
Center Field	34.01
Right Field	31.06

Deep Learning Simulation

Simulate selected defense against an average defense over a full 162-game season.

Evaluate defense of players and their impact on each other.

Who's on First?
A Baseball Defense Simulator

Edit Players

Player	Position
Tyler McGuire	P
J.T. Stephenso	C
Vladimir Stee	1B
Josh Drury	2B
Nick Clement	3B
Joc Haggerty	SS
MJ Castellan	LF
Heliot Locast	CF
Will Adell	RF

Simulate

Evaluation Repor

Top 3: -
Bottom 3: -

Expected Lineup RV	Expecte
-	-

Player	Position	Exp
Tyler McGuire	-	-
J.T. Stephenson	-	-
Vladimir Steer	-	-
Josh Drury	-	-
Nick Clement	-	-
Joc Haggerty	-	-
MJ Castellanos	-	-

Edit Players

Tyler McGuire   P

J.T. Stephens   C

Vladimir Stee   1B

Josh Drury   2B

Nick Clement   3B

Joc Haggerty   SS

MJ Castellan   LF

Heliot Locast   CF

Will Adell   RF

Evaluation Report

Top 3: Will Adell, Heliot Locastro, Josh Drury
Bottom 3: Vladimir Steer, J.T. Stephenson, MJ Castellanos

Expected Lineup RV	Expected Lineup RVv	RV - RVv
-75.47	-74.44	-1.03

Player	Position	Expected RV	Expected RVv	RV - RVv
Tyler McGuire	Pitcher	-0.25	-0.12	-0.12
J.T. Stephenson	Catcher	-20.29	-21.02	0.72
Vladimir Steer	First Base	-56.85	-54.49	-2.37
Josh Drury	Second Base	7.59	8.94	-1.36
Nick Clement	Third Base	0.63	0.08	0.55
Joc Haggerty	Shortstop	0.71	0.02	0.69
MJ Castellanos	Left Field	-16.30	-14.41	-1.89

Evaluation Report

View defense data provided by the model for the selected lineup.

Edit Players

Tyler McGuire | P
J.T. Stephenso | C
Vladimir Stee | 1B
Josh Drury | 2B
Nick Clement | 3B
Joc Haggerty | SS
MJ Castellano | LF
Heliot Locast | CF
Will Adell | RF

Evaluation Report

Top 3: Will Adell, Heliot Locastro, Josh Drury
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Joc Haggerty	Shortstop	0.71	0.02	0.69
MJ Castellanos	Left Field	-16.30	-14.41	-1.89

Expected Run Value

Generated using difference in runs given up between player in and out of the lineup.

Interface Design

Who's on First? - A Baseball Defense Simulator

Color Palette

#207EFD #0D68DE #404040 #2B2B2B #0D68DE #FFFFFF #FD002E #5FFF65
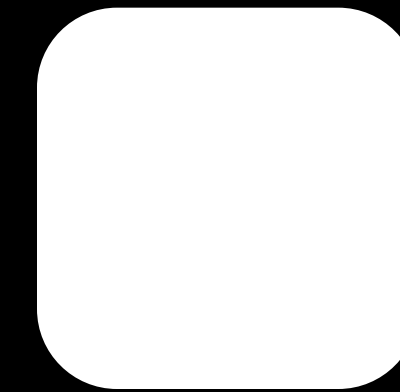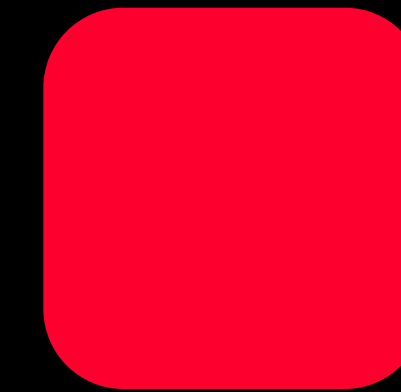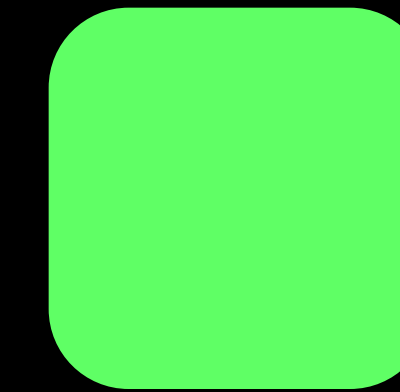
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Lexend Regular   **Lexend Bold**
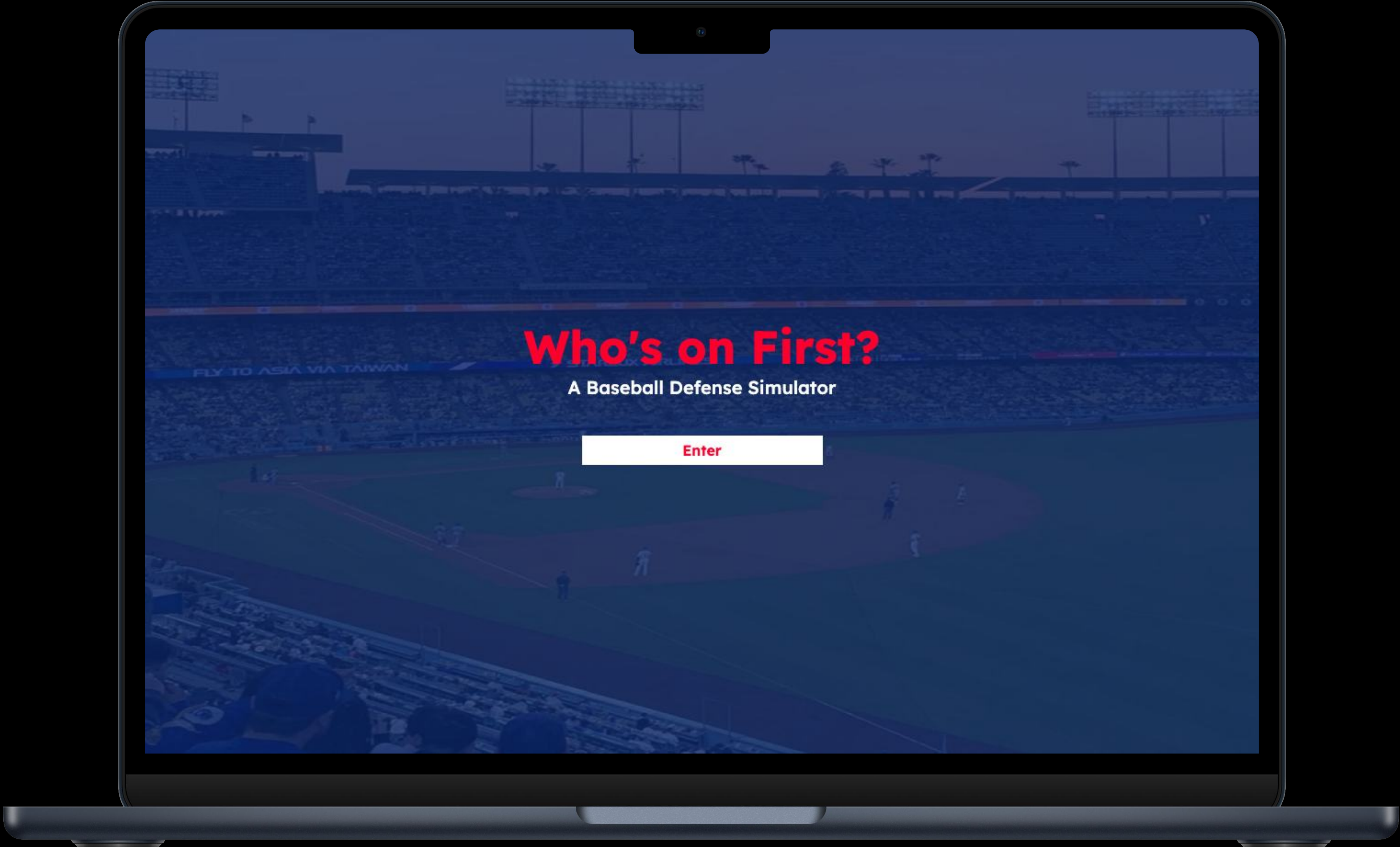
Who's on First?

A Baseball Defense Simulator
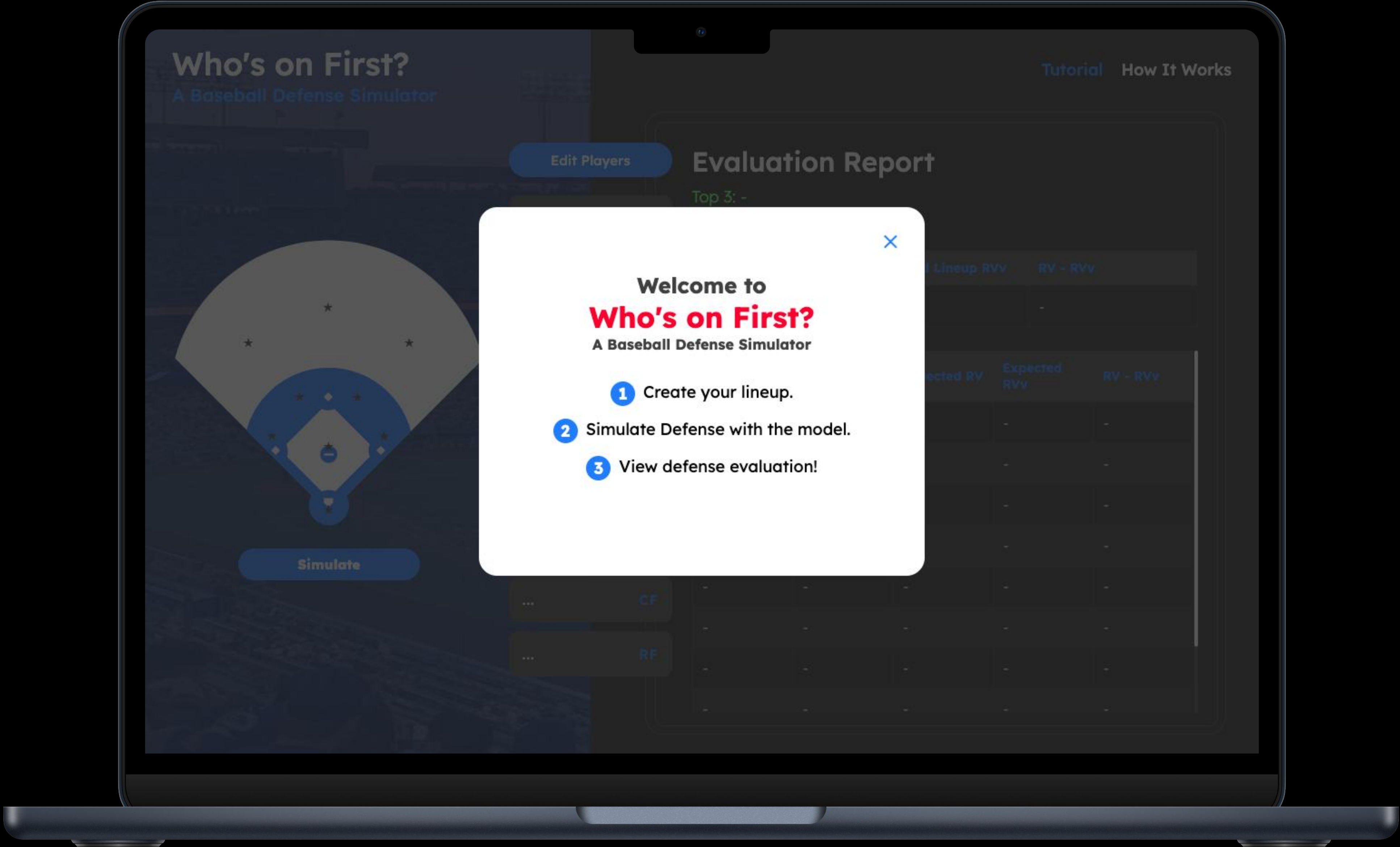
Enter

Who's on First?
A Baseball Defense Simulator

Edit Players

Evaluation Report

Top 3: -

Simulate

CF

RF

Lineup RVv   RV - RVv

-

ected RV   Expected RVv   RV - RVv

-    -
-    -
-    -
-    -
-    -

Welcome to
Who's on First?
A Baseball Defense Simulator

1. Create your lineup.
2. Simulate Defense with the model.
3. View defense evaluation!

Who's on First?
A Baseball Defense Simulator

Tutorial   How It Works

Edit Players

... P

... C

... 1B

... 2B

... 3B

... SS

... LF

Simulate

... CF

... RF

Evaluation Report

Top 3: -

Bottom 3: -

Expected Lineup RV	Expected Lineup RVv	RV - RVv
-	-	-

Player	Position	Expected RV	Expected RVv	RV - RVv
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Who's on First?
A Baseball Defense Simulator

Edit Mode

Create Your Lineup

Edit Players

Search name, id, and positions.

Tyler McGuire   P

J.T. Stephens   C

...   1B

...   2B

...   3B

...   SS

...   LF

Simulate

...   CF

...   RF

Everson Toglia
ID: 305
Level: 2A
Primary: Pitcher
Secondary: None
RVv: 0.17
Select

Tyler McGuire
ID: 308
Level: 3A
Primary: Pitcher
Secondary: None
RVv: -0.12
Select

Charlie Harper
ID: 318
Level: 4A
Primary: Pitcher
Secondary: None
RVv: -0.06
Select

Josh Sánchez
Select

Who's on First?
A Baseball Defense Simulator

Edit Players

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J.T. Stephensc	C
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Simulate

Evaluation Report

Top 3: -

Bottom 3: -

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-	-	-

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Vladimir Steer	-	-	-	-
Josh Drury	-	-	-	-
Nick Clement	-	-	-	-
Joc Haggerty	-	-	-	-
MJ Castellanos	-	-	-	-

Who's on First?
A Baseball Defense Simulator

✕

Edit Players

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J.T. Stephenson	C
Vladimir Stee	1B
Josh Drury	2B
Nick Clement	3B
Joc Haggerty	SS
MJ Castellan	LF
Heliot Locast	CF
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Simulate

Player Info

Selected Catcher

Delete Player

J.T. Stephenson ID: 348

Level: 1A
Primary: Catcher
Secondary: None
RVv: -21.02

Position	Run Value (RVv)
Pitcher	2.73
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Who's on First?
A Baseball Defense Simulator

Edit Players

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Simulate

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Bottom 3: -

Expected Lineup RV	Expected Lineup RVv	RV - RVv
-	-	-

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Vladimir Steer	-	-	-	-
Josh Drury	-	-	-	-
Nick Clement	-	-	-	-
Joc Haggerty	-	-	-	-
MJ Castellanos	-	-	-	-

Who's on First?
A Baseball Defense Simulator

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J.T. Stephens	C
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Who's on First?
A Baseball Defense Simulator

Enter

Who's on First?
A Baseball Defense Simulator

Tutorial | How It Works

Edit Players

Evaluation Report
Top 3:
Bottom 3:

Tyler McGuire — P
J.T. Stephens — C
Vladimir Stee — 1B
Josh Drury — 2B
Nick Clement — 3B
Joc Haggerty — SS
MJ Castellan — LF
Heliot Locast — CF
Will Adell — RF

Simulate

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Player Info

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Who's on First?
A Baseball Defense Simulator

Tutorial | How It Works

Edit Players

Evaluation Report
Top 3: Will Adell, Heliot Locastro, Josh Drury
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Simulate

Expected Lineup RV	Expected Lineup RVv	RV - RVv
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Edit Players

Evaluation Report
Top 3:
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Tyler McGuire — P
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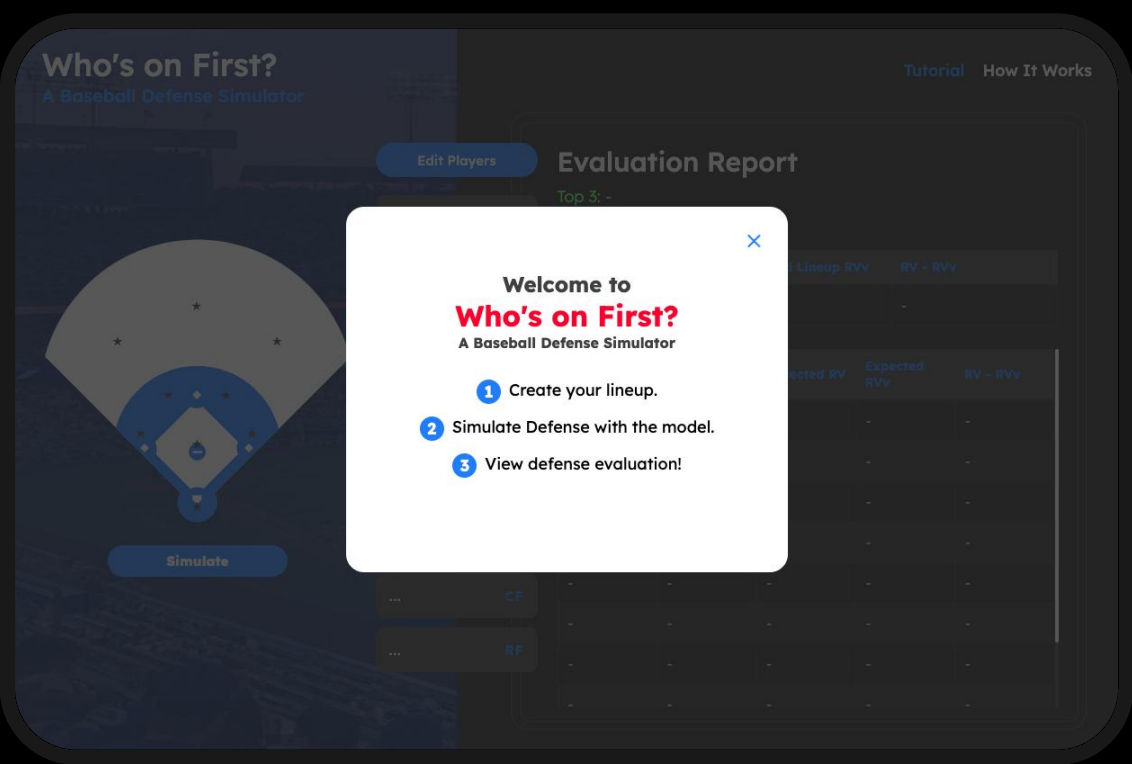MJ Castellan — LF
Heliot Locast — CF
Will Adell — RF

Simulate

Expected Lineup RV	Expected Lineup RVv	RV - RVv
-	-	-

Player	Position	Expected RV	RV - RVv

Who's on First?
A Baseball Defense Simulator

Edit Mode
Create Your Lineup

Search name, id, and positions.

Edit Players

Tyler McGuire — P
J.T. Stephens — C
... — 1B
... — 2B
... — 3B
... — SS
... — LF
... — CF
... — RF

Simulate

Everson Toglia
ID: 305
Level: 2A
Primary: Pitcher
Secondary: None
RVv: 0.17
Select

Tyler McGuire
ID: 308
Level: 5A
Primary: Pitcher
Secondary: None
RVv: -0.12
Select

Charlie Harper
ID: 318
Level: 4A
Primary: Pitcher
Secondary: None
RVv: -0.06
Select

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Who's on First?
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J.T. Stephens — C
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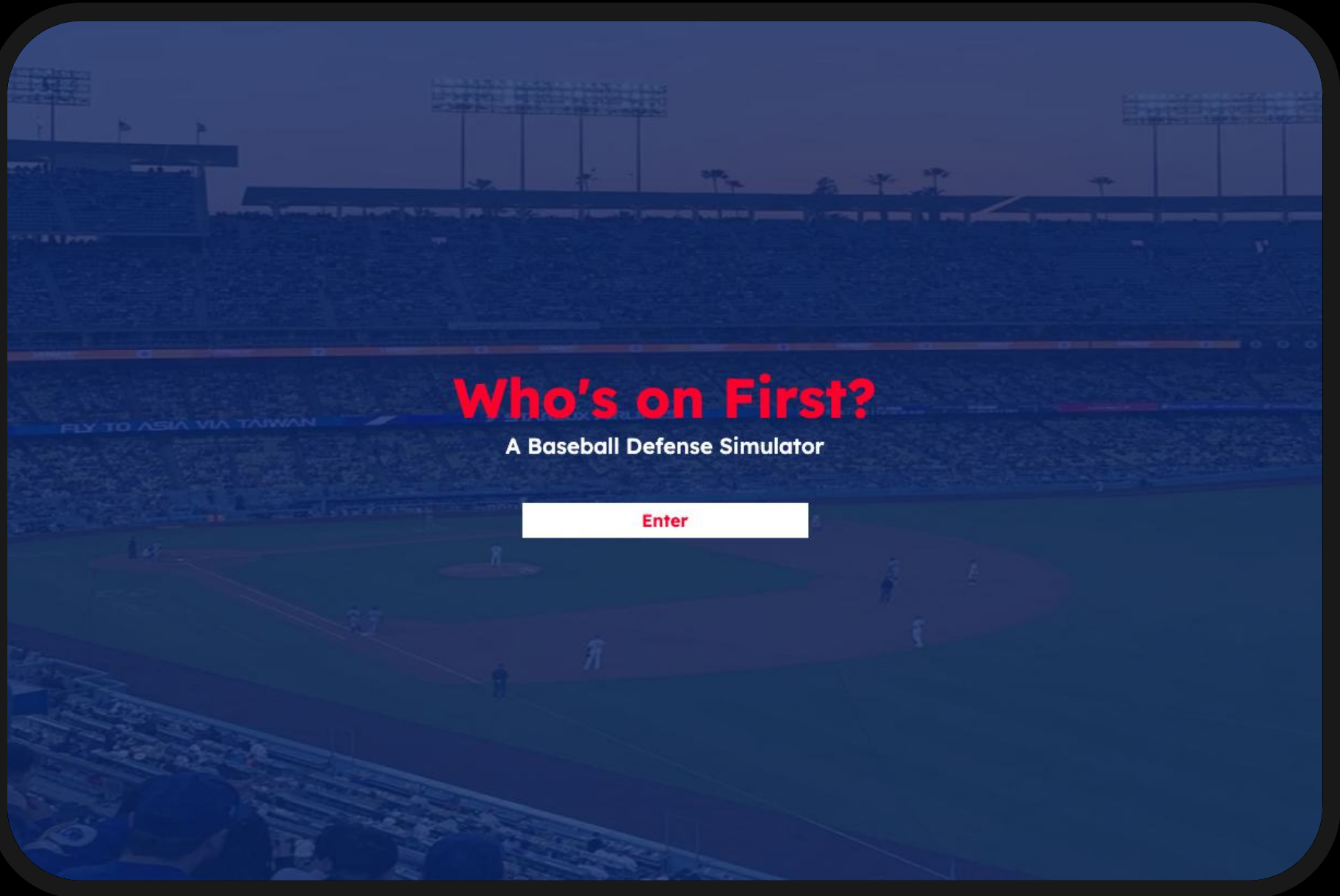MJ Castellan — LF
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