

# Right Call

## Second Iteration



Team Members: Josh, Lyle, Jeremiah, Luke, Bradley

**01**

# Client Information

What does RefReps do?



# RefReps

## History

- Founded in 2020, after an idea CEO Kyle Armstrong had in a discussion with IUPUI officials about a referee simulation software.
- The hardware to run the original product sold out in 3 days, and again the next week.



## Current Products

- Interactive & educational referee training videos for almost a dozen sports such as football, basketball, etc...
- Other Resources for referee training include magazines, infographics and statistical analysis diagrams.



02

# Feedback

From client and mentor



# Mentor Feedback

## Mid-Iteration:

- He said what we had was good.
- But, he helped us with some testing issues.
- He said we should make the difference between timestamp and question.

## Now:

- Duncan said our documentation looked good.
- He said that we could improve some very simple styling of the application before we submit it.
- Overall, he likes our functionality and feels that we did a lot more than he expected we would do for the iteration.
- We fixed the testing and made the changes he said we could do.



# Client Feedback



- RefReps really liked our adding questions to each timestamps functionality, and they did not expect it to look that good.
- Ref Reps enjoys how we decided to develop & store the lessons
- Ref Reps would like us to “play around” with eye tracking
- Ref Reps would like us to create another type of feedback for timestamps



03

# Iteration features

What was accomplished and what is planned



# Second Iteration Features

Right-Call now has ...

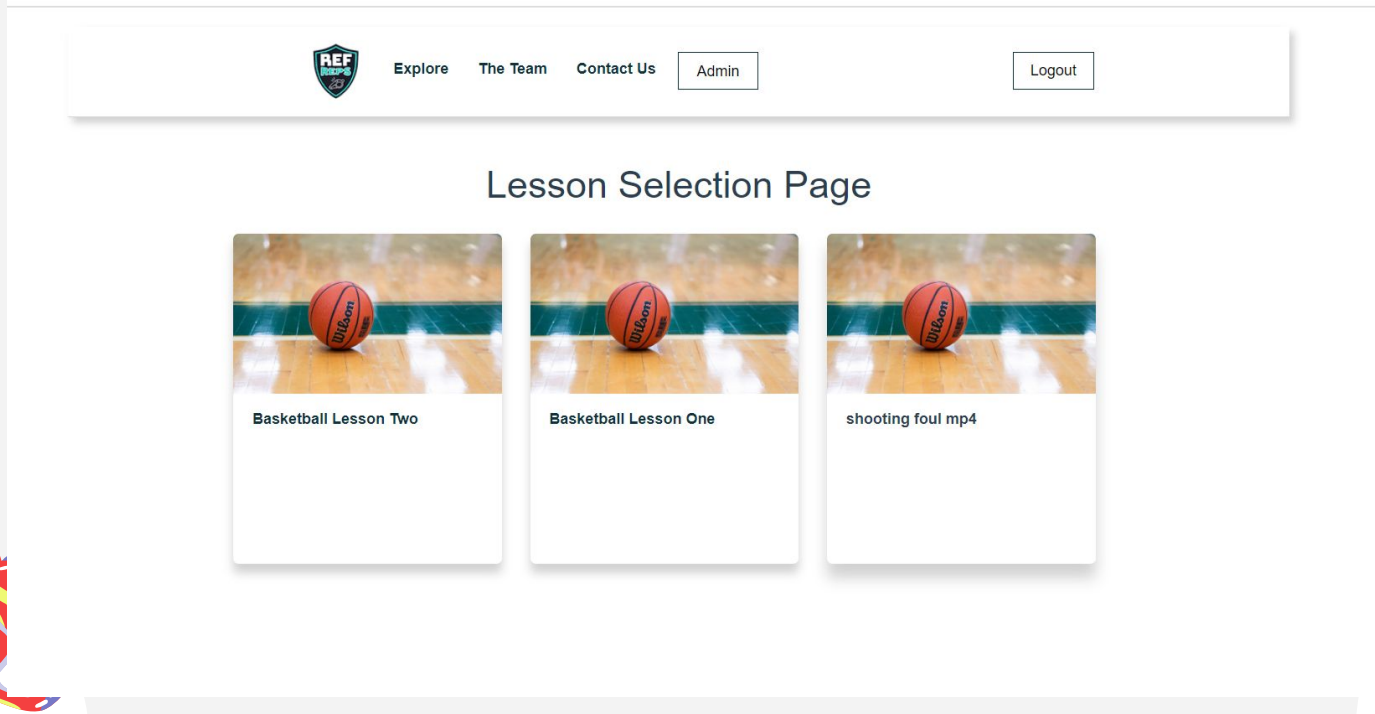
- An API connecticon to a mongo database [FR16]
  - Users can register , login & logout of the application
    - Admin users [FR18]
    - Instructors users [FR19]
    - Student users [FR15]
  - Admin can upload, alter, and delete videos and questions from the database through the application [FR8]
  - Instructor should be able to add custom timestamps and questions into the database for a lesson. [FR20]
  - The application should store all of the user's results for each lesson under the user's account. [FR17]





# Application Connects to Db

FR16: The application will connect to a mongo database through an api.  
(Image shows the videos being retrieved from the database.)



# Login/Registration Page

FR15: Students can register, login, and logout of the application

FR18: Admins can register, login, and logout of the application

FR19: Instructors can register, login, and logout of the application



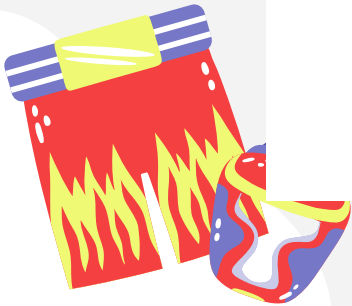
[Register](#)

## Login Page

Email or username

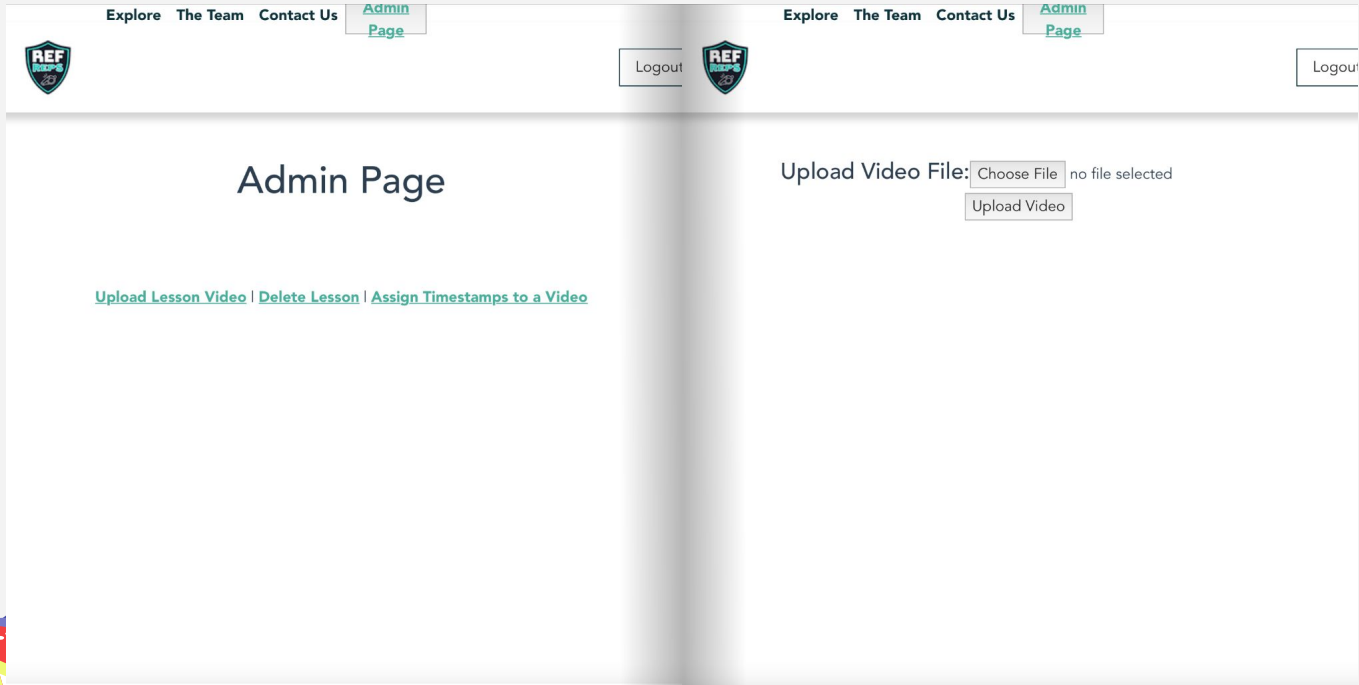
Password

[Log in](#)



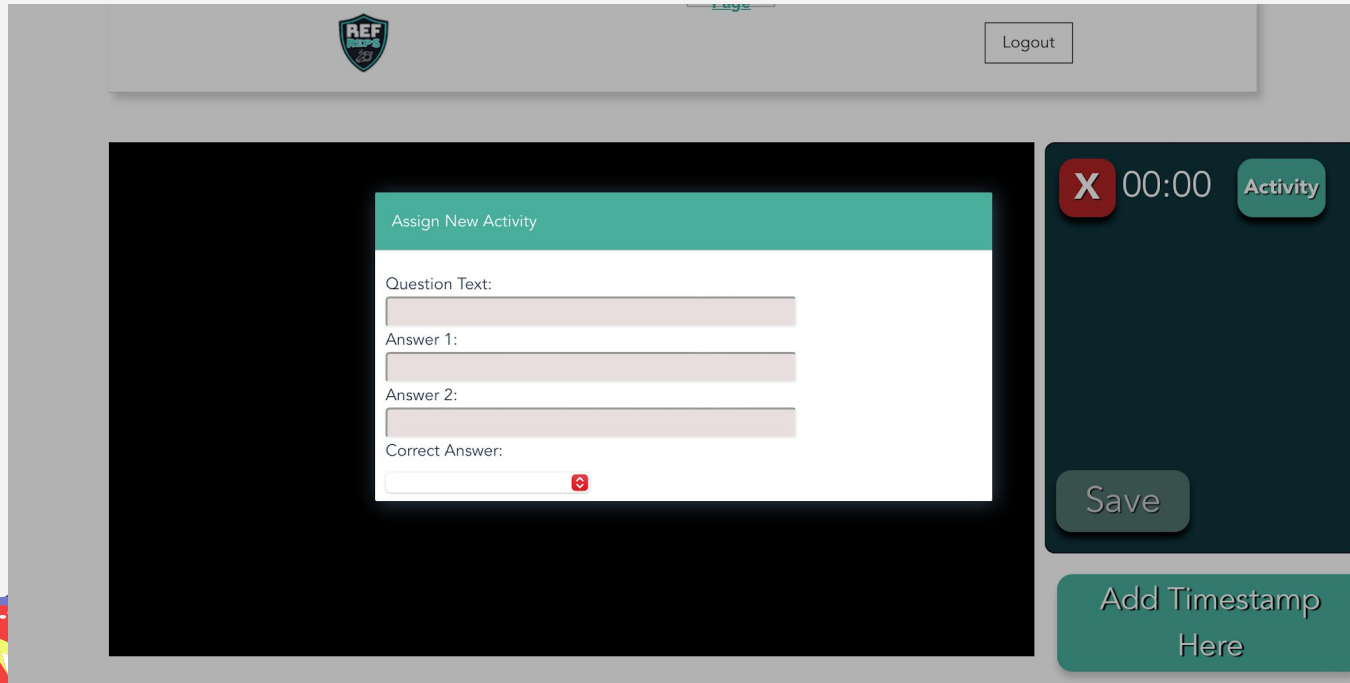
# Admin Privileges

FR8: Admin can upload, alter, and delete videos and questions from the database through the application



# Instructor Privileges

FR20: Instructor should be able to add custom timestamps and questions into the database for a lesson



The screenshot shows the 'Assign New Activity' form within the REF app. The form is displayed on a black background. It includes a title bar 'Assign New Activity' in a teal header. Below the header, there are four text input fields labeled 'Question Text:', 'Answer 1:', 'Answer 2:', and 'Correct Answer:'. The 'Correct Answer:' field has a red dropdown arrow on its right side. To the right of the form, there is a dark blue sidebar containing a red 'X' icon, a timer showing '00:00', an 'Activity' button, a 'Save' button, and a large teal button labeled 'Add Timestamp Here'. The top of the app interface shows a 'Logout' button and a 'REF' logo.

REF

Logout

Assign New Activity

Question Text:

Answer 1:

Answer 2:

Correct Answer:

X 00:00 Activity

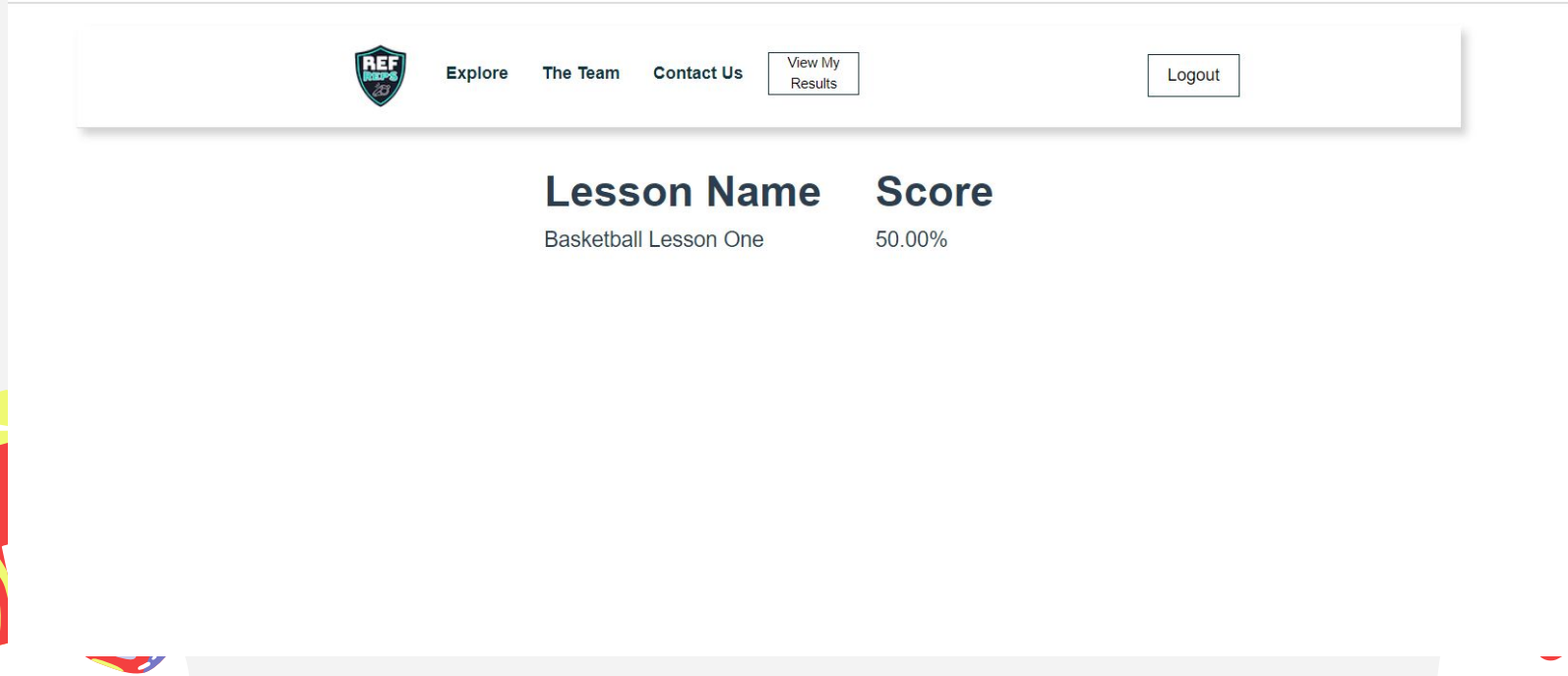
Save

Add Timestamp Here



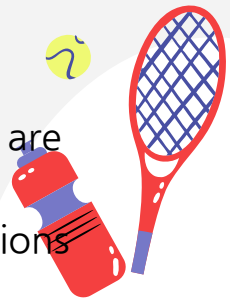
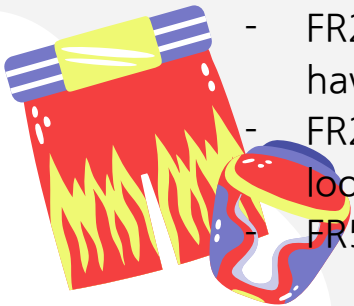
# Storing Users Results

FR17: The application should store all of the user's results for each lesson under the user's account.



# Planned Features for 3rd Iteration

- FR21: An Admin can create a full lesson with many video clips and questions and publish it when ready.
- FR9: A instructor should be able make their own version of a lesson and save it in the database.
- FR22: An instructor should be able to create a class with students in it and students should be assigned to that instructor.
- FR23: An instructor should be able to assign their custom lesson to a class.
- FR24: An instructor should be able to see the results of each of their students.
- FR25: A student should see their instructors name, and any lessons that they have been assigned.
- FR26: A student can toggle on eye tracking, and a dot will follow where they are looking on the screen.
- FR5: The user should use their webcam during the lesson for eye-tracking actions



# Something funny ?

I think we are all ready for Winter break.

CHRISTMAS



# Link to Documentation

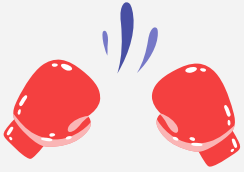
<https://github.com/UVCity/Right-Call/tree/master/Documentation>







# MANY THANKS!



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