

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



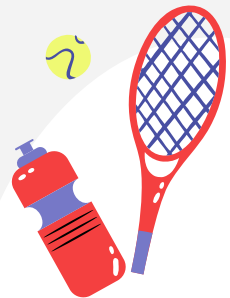
Mentor Feedback

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

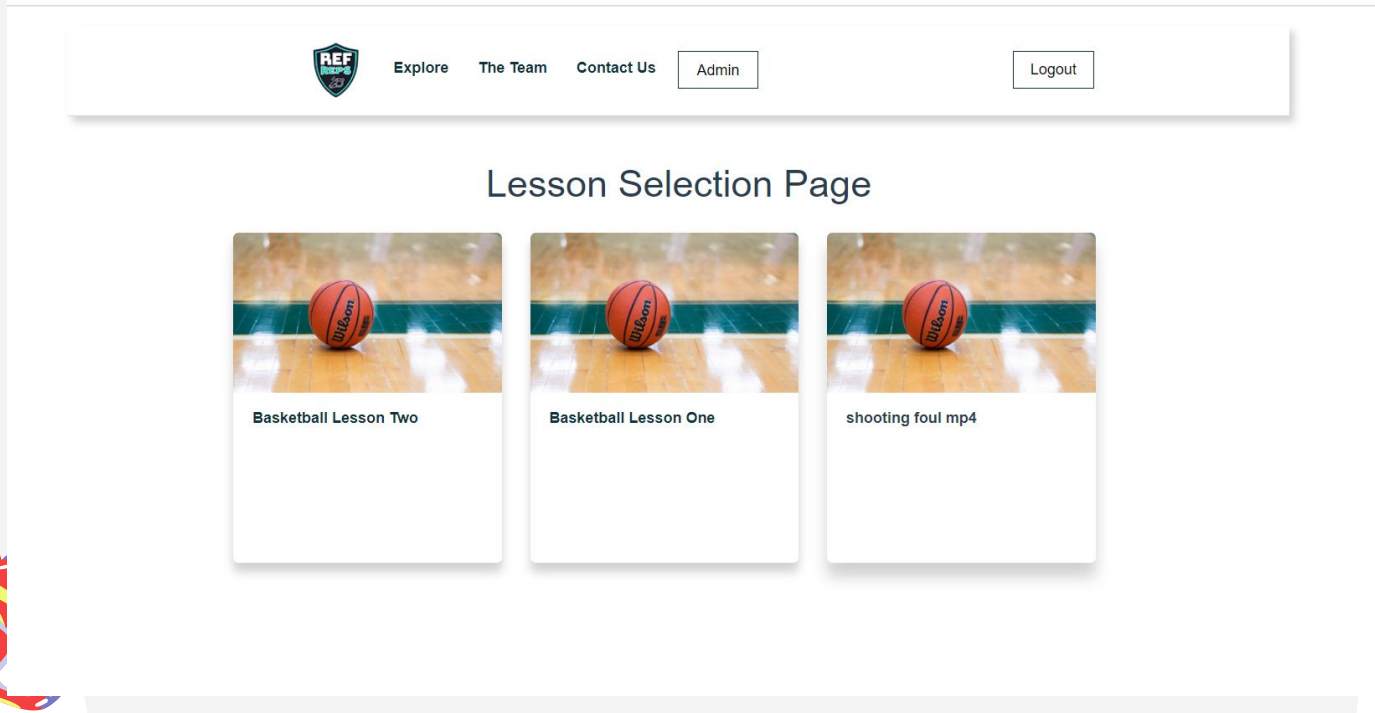
Right-Call now has ...

- 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

Login Page For all User Types


[Register](#)

Login Page

Email or username Password



Registration Page For all Users

[Explore](#) [The Team](#) [Contact Us](#) [Register](#)

Registration Page

Email or username Password

Are you an Student, Instructor, or Admin?

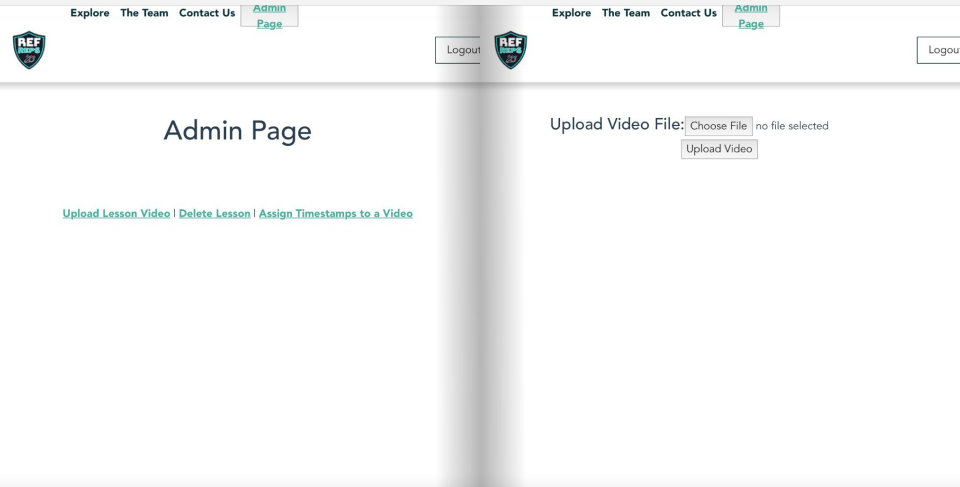
Student: ☒
Instructor: ☐
Admin: ☐



Admin Privileges

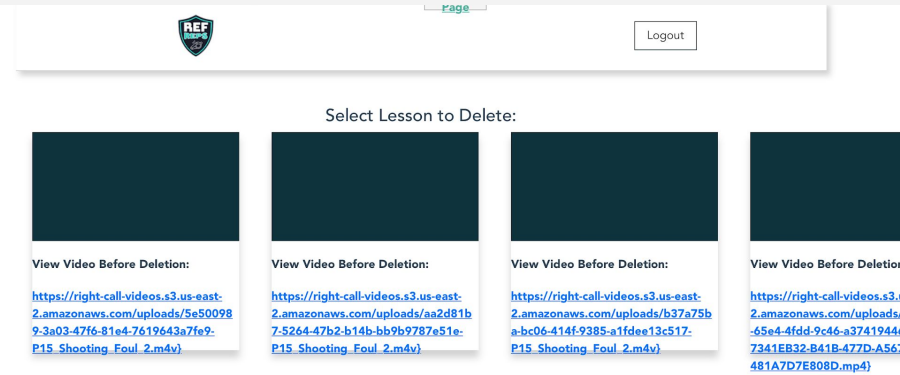
FR8: Admin can upload, alter, and delete videos and questions from the database through the application

Admin Page and Upload Video Actions



The screenshot shows the Admin Page with a navigation bar at the top containing 'Explore', 'The Team', 'Contact Us', and 'Admin Page' (highlighted). A 'Logout' button is visible. The main content area is titled 'Admin Page' and includes a link 'Upload Lesson Video | Delete Lesson | Assign Timestamps to a Video'. Below this, there is a section for 'Upload Video File:' with a 'Choose File' button and a message 'no file selected'. An 'Upload Video' button is also present.

Delete Lesson Actions

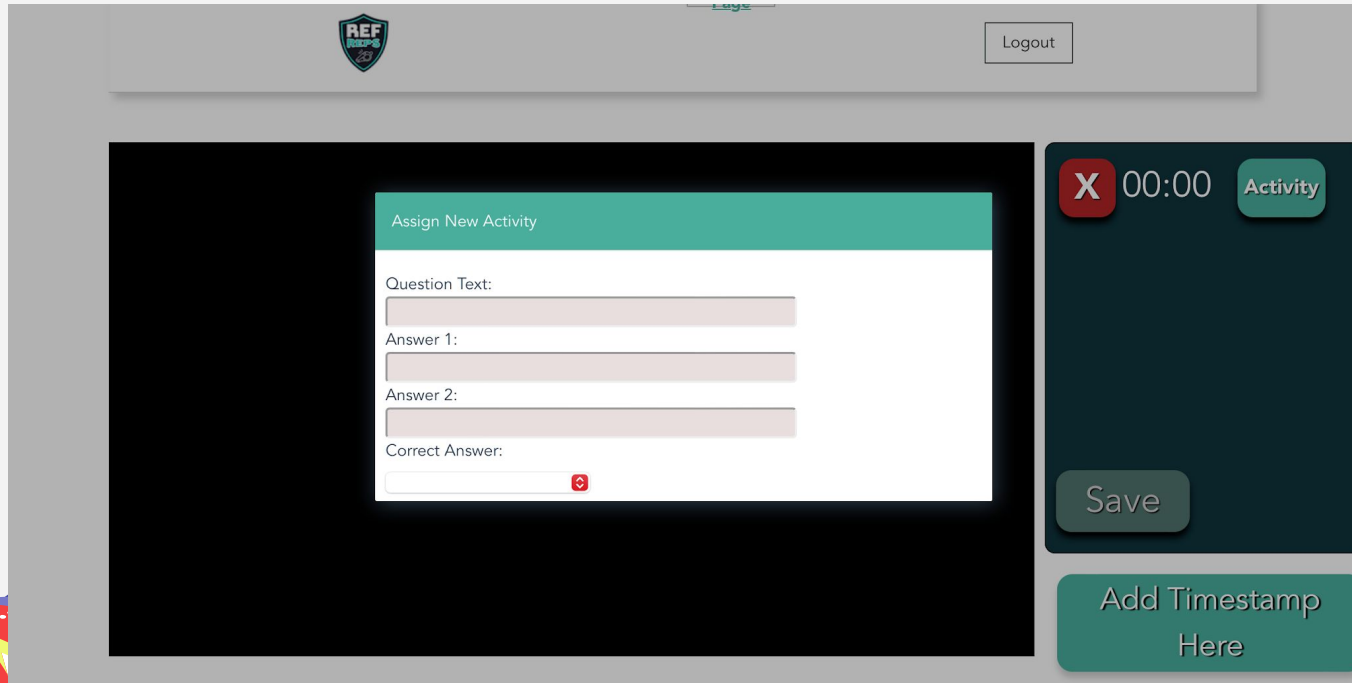


The screenshot shows the Delete Lesson Actions interface. It features a navigation bar with 'Admin Page' highlighted and a 'Logout' button. The main content area is titled 'Select Lesson to Delete:' and displays four video thumbnails. Each thumbnail has a 'View Video Before Deletion:' label and a URL. The URLs are: https://right-call-videos.s3.us-east-2.amazonaws.com/uploads/5e500989-3a03-47f6-81e4-7619643a7fe9-P15_Shooting_Foul_2.m4v, https://right-call-videos.s3.us-east-2.amazonaws.com/uploads/aa2d81b7-5264-47b2-b14b-bb9b9787e51e-P15_Shooting_Foul_2.m4v, https://right-call-videos.s3.us-east-2.amazonaws.com/uploads/b37a75ba-bc06-414f-9385-a1fdee13c517-P15_Shooting_Foul_2.m4v, and <https://right-call-videos.s3.us-east-2.amazonaws.com/uploads/65e4-4fdd-9c46-a3741944-7341EB32-B41B-477D-A567-481A7D7E808D.mp4>.



Instructor Privileges

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

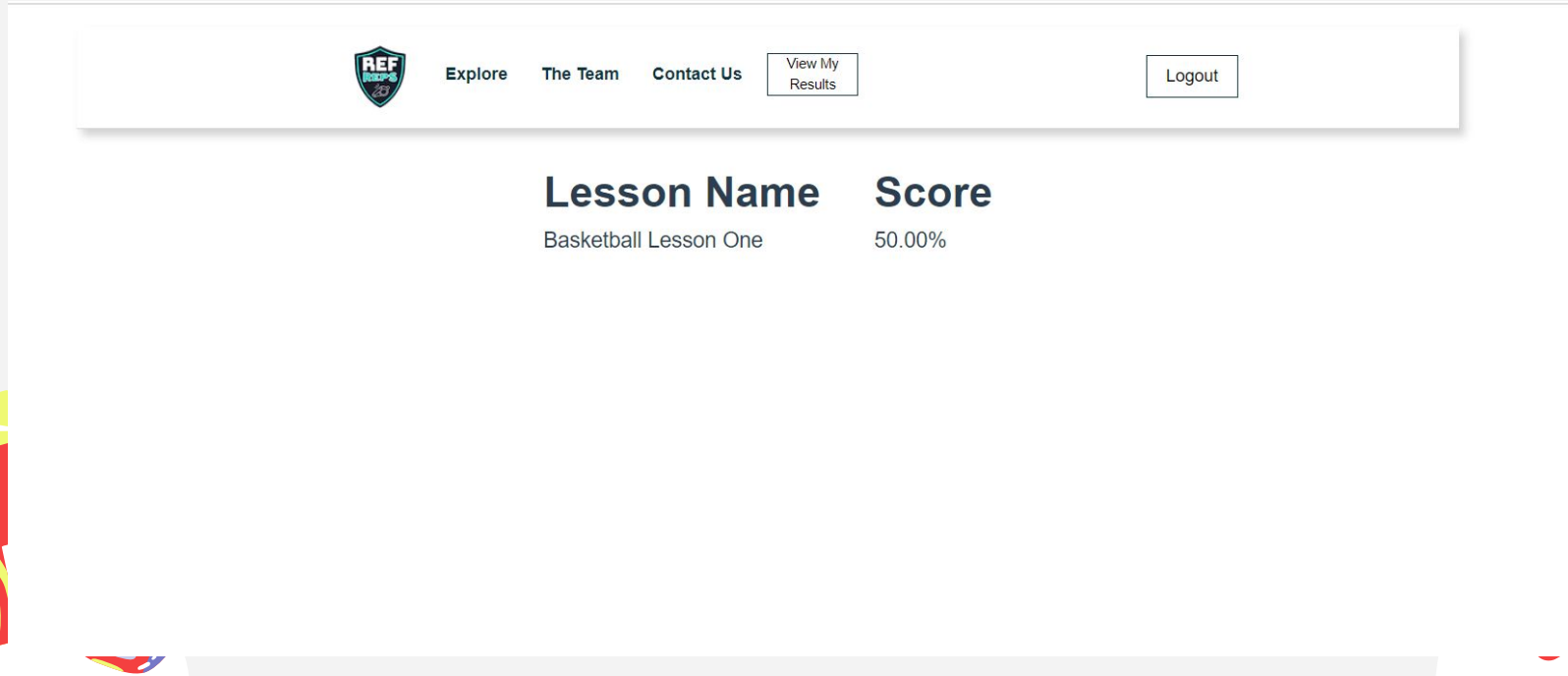


The screenshot shows a web application interface for assigning a new activity. At the top, there is a header bar with a logo on the left and a 'Logout' button on the right. The main content area is a dark grey rectangle containing a white form titled 'Assign New Activity'. The form has four input fields: 'Question Text:', 'Answer 1:', 'Answer 2:', and 'Correct Answer:'. The 'Correct Answer:' field has a small red dropdown arrow on its right side. To the right of the form, there is a dark blue sidebar. At the top of the sidebar is a red button with a white 'X' and a timer showing '00:00', followed by a green 'Activity' button. Below these is a grey 'Save' button. At the bottom of the sidebar is a large green button with the text 'Add Timestamp Here'.



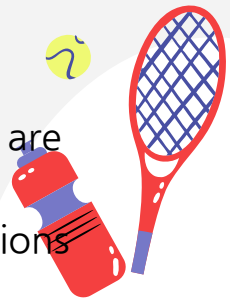
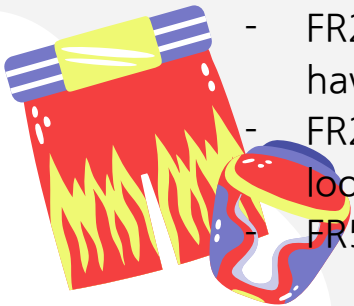
Storing Users Results

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



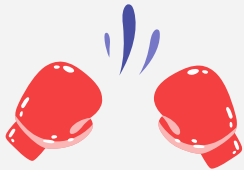
Link to Documentation

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





MANY THANKS!



Credits: This presentation template was created by
Slidesgo, and includes icons by **Flaticon** and
infographics & images by **Freepik**

Please keep this slide for attribution

