

QUIZHUB

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Team 16

What is Quizhub?

- Game-based learning web application
 - inspired by Kahoot!
- Create and participate in fun and competitive real-time quizzes
 - Help increase student engagement in classrooms
- Compared to Kahoot!, Quizhub does not need a big screen to broadcast questions

Original Goal

Figure out our tech stack

UI design and implementation

Model design

Prototyping the basic process

Set up database support

Completed

=> React + Express.js + MongoDB

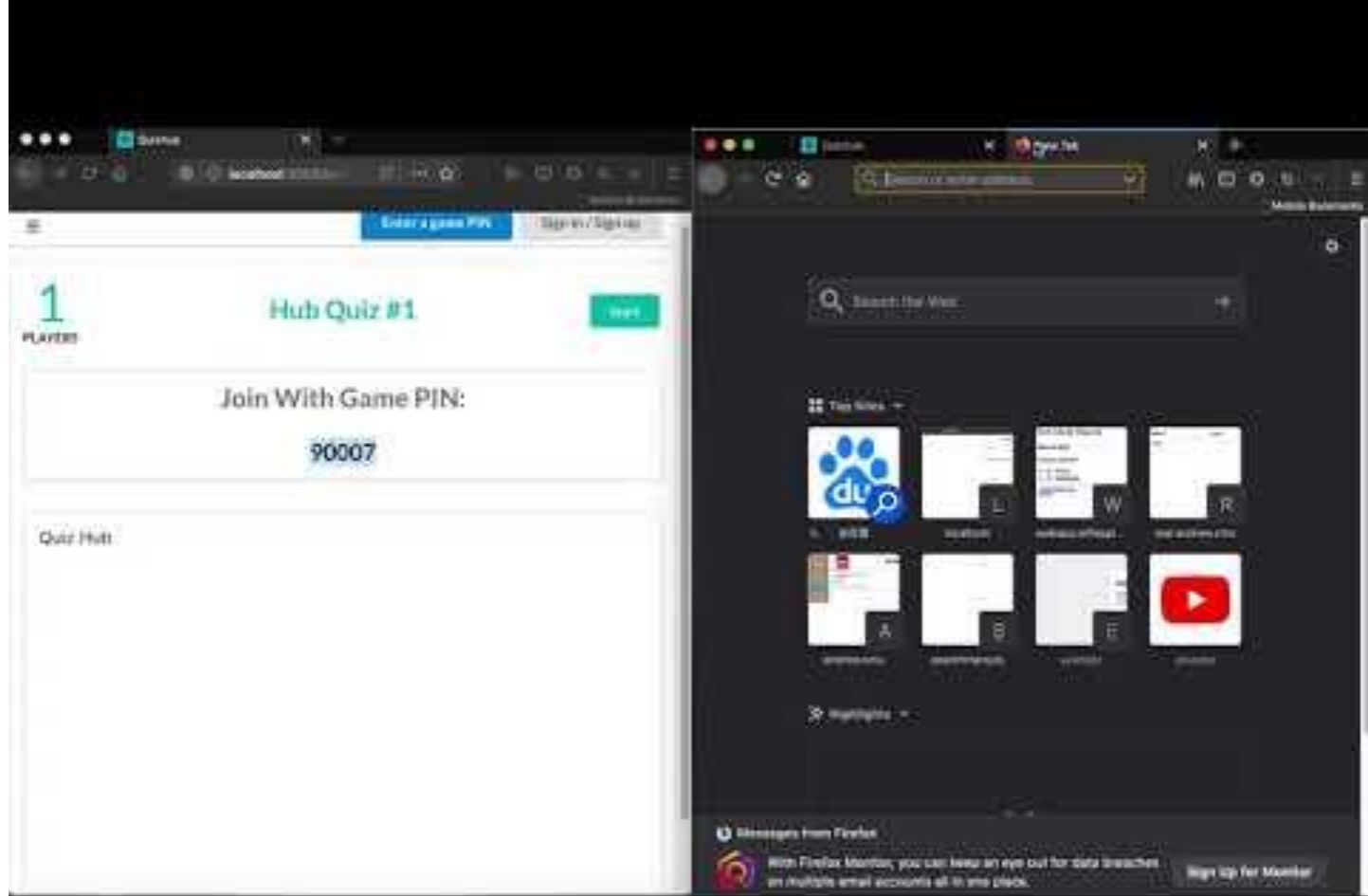
=> 7 web pages designed

=> Finished

=> See Demo

=> Success!

Demo



Major Challenges

- Set up connection between back-end and front-end
 - Express and react
- Real-time data transferring
 - Socket.io
- Database connection
 - MongoDB Atlas

Next Steps

- Quiz set creations and modifications
- Real-time quiz results and ranking pages
- Browse all quiz sets
- Playing/Hosting histories

Thank YOU

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