

MAGE

Jason Courtois

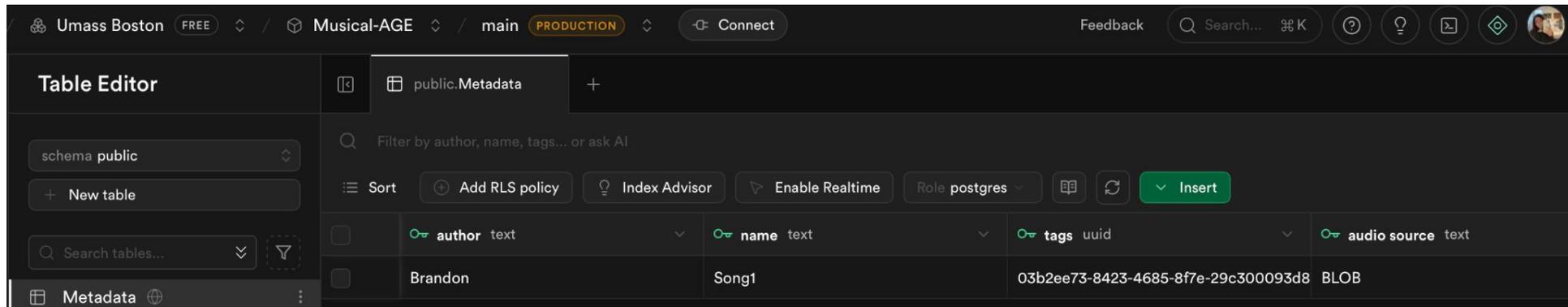
Gladys Cubilete

Yazeed Ghaban

Amanda Guerra

Roni Domi

1- Preset Storage Management (Amanda Guerra)



Each preset contains:

- Metadata (name, author, tags, audio source) (using supabase)
- Engine scene data blob (opaque, generated by MAGE engine)
- Thumbnail image (also generated by MAGE engine)

Capabilities: User should be able to create, delete, or edit their own presets only

You can find our website at [Dummy Website MAGE](#)

Topics for research paper: Software Bugs and Their Real Cost

Analyze famous software failures.

Examples:

Boeing 737 MAX software issues

Knights Capital Trading Glitch

Made by Amanda Guerra

2-Engine Audio Control Interface (Gladys Cubilete)

MAGES Team

- + Began working on audio control interface, (pause and play buttons for audio) first demo at (ws12)

<https://www.cs.umb.edu/~gcubilet/>

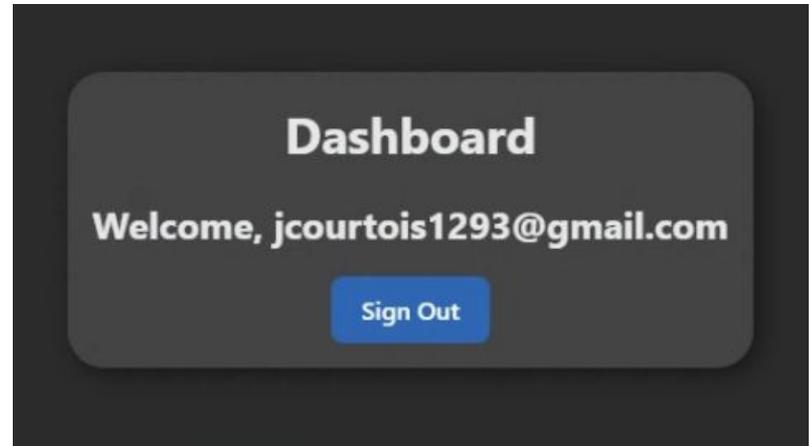
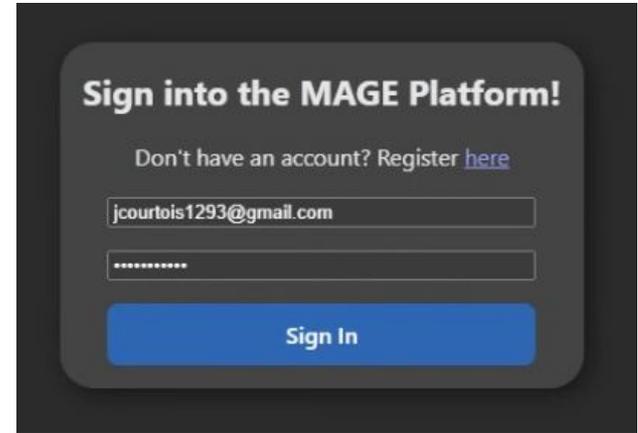
- + My artifacts under team directory is the code documentation for the demo. Found under /courses/cs410/s26/hdeblois/GROUP2/longproj01/t4-MA/gladys_artifacts
- + Paper topic: back end frameworks
- + future goal: implement volume control (alongside yazeed)



2-Engine Audio Control Interface (Yazeed Ghaban)

Jason Courtois - Team (A4 MAGE)

- Teammates :
 - Gladys Cubilete
 - Yazeed Ghaban
 - Amanda Guerra
 - Roni Domi
- Implemented User Account Creation & Authentication.
- Used Supabase Auth SDK and Vite to make a React application with a Login and Signup page.
- Paper Topic: Comparing Git Branching Strategies in Modern Software Development
- Deployed to my personal cs website to test (<https://www.cs.umb.edu/~jasonc/auth/>)
- Artifact - Documentation for code located at: /courses/cs410/s26/hdeblois/GROUP2/longproj01/t4-MA/jasons-artifacts
- Code located in GitHub Fork: (<https://github.com/JasonCourtois/MAGE-Authentication>)



4 - Mock landing page/ Homepage (Roni Domi) (Hero Section/ description)

Built a landing page using react continuing the design inspired by the logo of the project.

Forked the main project and built the website into a personal repo with a deployed visitable version at [this link](#).

Plan to expand with more time, the rest of the sections to then allow connection to the backend.

Linked login page that Jason worked on as a temporary functionality.

Paper topic: UI design and its impact on user experience

