

Report

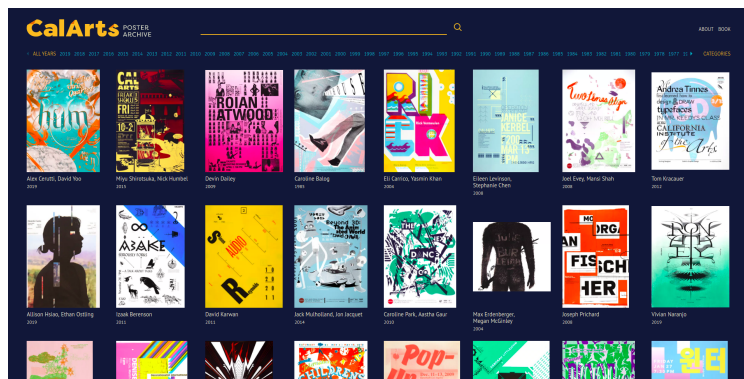
Introduction

An archive site for poetry readings, which has audio records since 2011. Database driven, serving info on audio recordings, poets and events, etc.

Design

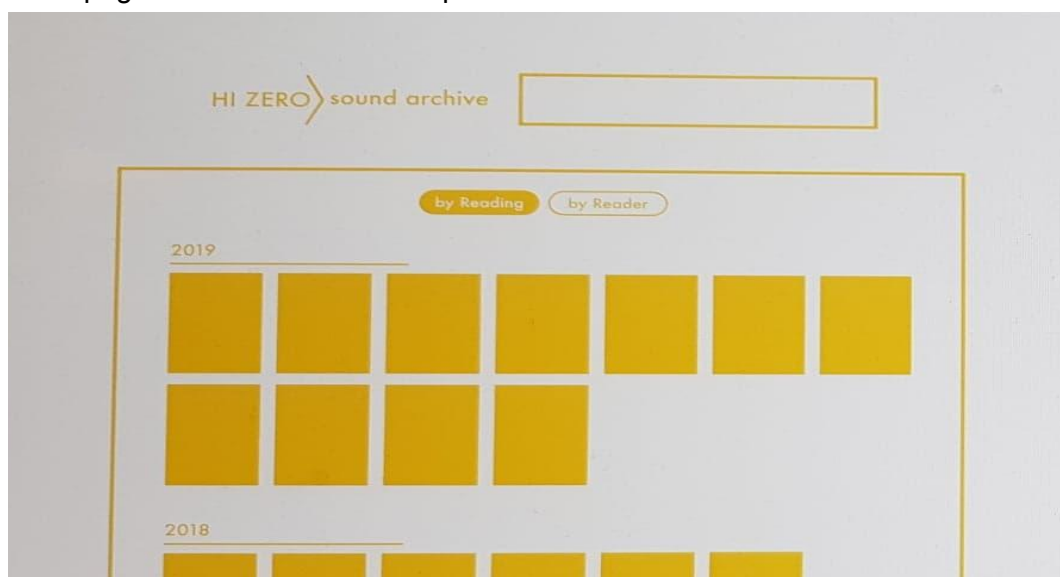
Front end

Poster-oriented similar to <https://posters.calarts.edu/>



Home page

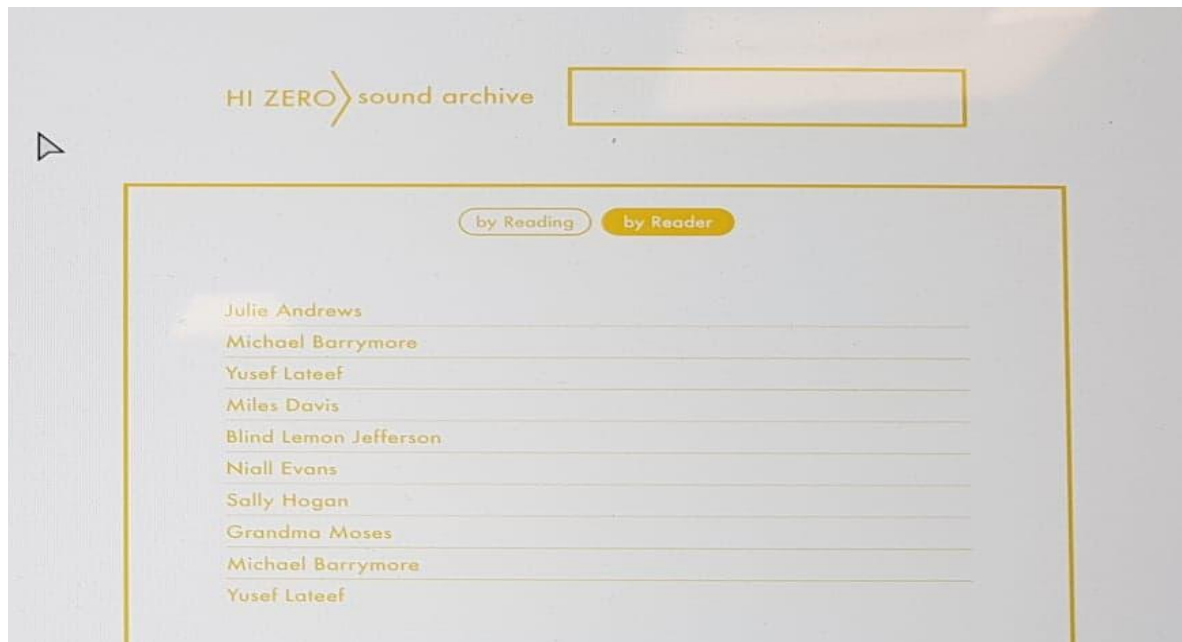
List of poetry events grouped by year. A thumbnail with the poster from the event links to the event page. A search bar at the top.



Design by Robbie Dawson

Readers page

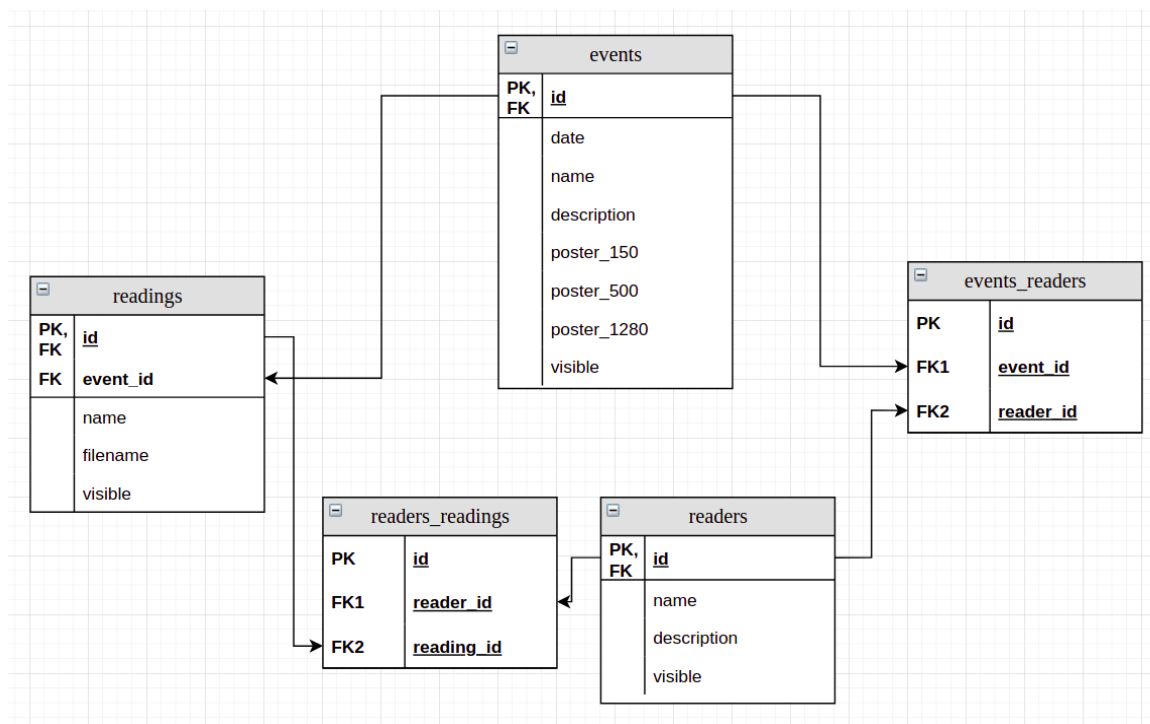
List of readers (poets) sorted alphabetically. Name links to the reader page.



Design by Robbie Dawson

Backend

Back end using MySQL, PHP, and database admin tool PHPMyAdmin. No interface for users writing to a database.



Database schema

Implementation

File structure is as follows:

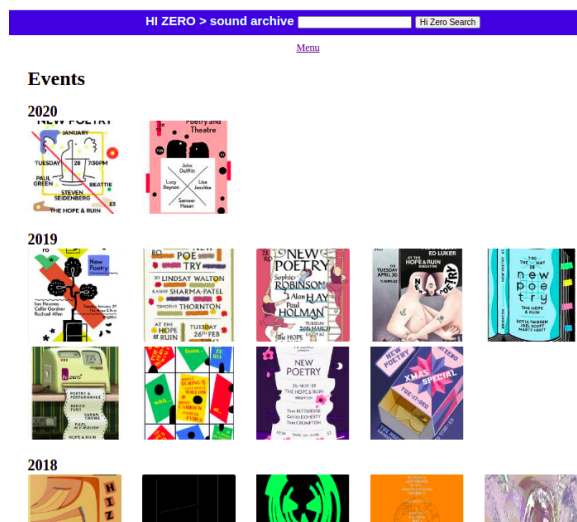
Public files

Pages/assets that should be accessible by user (i.e. reader.php), images, MP3 files, CSS stylesheet. A simplified way of describing page hierarchy is a page is either a list of records (i.e. events), or a record (event).

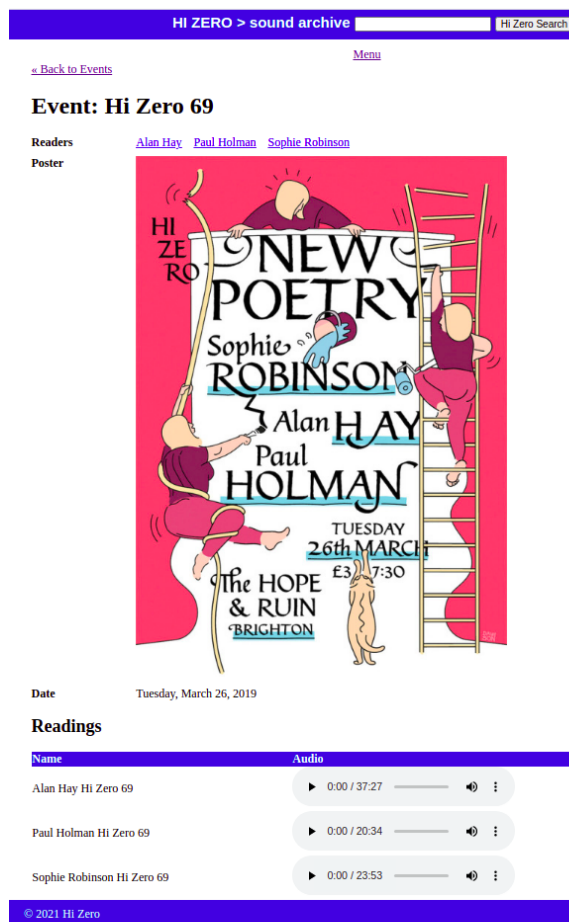
Private files

Elements called on each public page that don't need to be exposed to the user i.e. database.php to access the database, functions.php for PHP functions, query_functions.php for SQL queries.

Home (Events) page



Event page



Readers page

HI ZERO > sound archive

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Readers

Name
Alan Hay
Alex Davies
Alison Rumfitt
Amy De'Ath
Amy Evans
Andrea Brady
Andy Spragg
Angus Walker
Anna Jepson
Anna Ticehurst
Anthony Barnett
Azad Ashim Sharma
Beattie
Ben Graham
Ben Hickman
Ben Park
Benzo Fury
Binnsclage
Caitlin Poshore

Reader page

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Reader: Alan Hay

Description
Alan is a Brighton based poet. He used to run the reading series Desperate For Love, and has had poems published in Freaklung, Angel Exhaust and elsewhere, as well as various collaborations with musicians and performers. A new collection, 'The Turn Out Poems' is forthcoming from Winter Olympics.

Events [Hi Zero 69](#) [Hi Zero 39](#) [Hi Zero 30](#) [Hi Zero 25](#)

Readings

Name	Audio
Alan Hay Hi Zero 25	<input type="button" value="▶"/> 0:00 / 28:04 <input type="button" value="⏮"/> <input type="button" value="⏭"/>
Alan Hay Hi Zero 69	<input type="button" value="▶"/> 0:00 / 37:27 <input type="button" value="⏮"/> <input type="button" value="⏭"/>
Careless Jayne Waugh Hay Ashim Sharma SWUnion Hi Zero 39 2	<input type="button" value="▶"/> 0:00 / 50:08 <input type="button" value="⏮"/> <input type="button" value="⏭"/>
Turing Thornton Spott Hay Spicer Hi Zero 30	<input type="button" value="▶"/> 0:00 / 44:16 <input type="button" value="⏮"/> <input type="button" value="⏭"/>

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Search results page

HI ZERO > sound archive

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Search results

for joe

Events

Thumbnail	Name	Date	Readers
	Hi Zero 21	Tuesday, May 28, 2019	Joel Scott Lotta Thießen Marty Hiatt
	Hi Zero 96	Tuesday, December 18, 2018	Alison Rumfitt Azad Ashim Sharma Connie Scozzaro James Garwood Joe Luna Kashif Sharma-Patel Kat Sinclair Keston Sutherland Lind Nehaal Bajwa Rosy Carrick Simi Bickersteth Stephen Mooney

Evaluation

Features

- Follows DRY (Don't Repeat Yourself) programming principle.
- Using just 5 PHP pages, a large amount of content can be populated on the site.
- Each page reacts dynamically based on the content available for that record.
- In addition to working as a sound archive, it also works as a poster archive.

Limitations

There's no public interface for users writing to a database. Any updates to the database will need to be done by an administrator via the PHPMysqlAdmin tool. Specifically, by importing CSV files. This limitation wasn't addressed as it was outside project scope.

Improvements

- Play MP3 in an overlaid element- would allow user to browse other pages of the site while listening to an MP3.
- Commenting system - could be handled internally or externally via the Disqus service.
- Interface - front end could be improved by a UX designer.
- Go live - get hosting and domain name, and put this live.

Conclusion

The application demonstrates the main functionality outlined in the specification.