Team Members: Matthew Frias, Jesus Gonzalez, Kevin Kazaryan, Daniel Lee, Stewart McKenzie, Erica Payne, Erica Santos, Leslie Segovia, Bryan Sosa, Elio Vences
Faculty Advisor: John Hurley
***The arqive* Liaisons:** Dr. Cynthia Wang & Zachary Vernon
Department of Computer Science
College of Engineering, Computer Science, and Technology
California State University, Los Angeles

background

The arqive is a digital online storytelling map for LGBTQ+ stories that seeks to provide the full range of queer stories and then geolocates them and digitally preserves them. Users have a safe platform where they can share personal, historical, and community stories, as well as have access to information about safe spaces.

The arqive is both a web and mobile application.

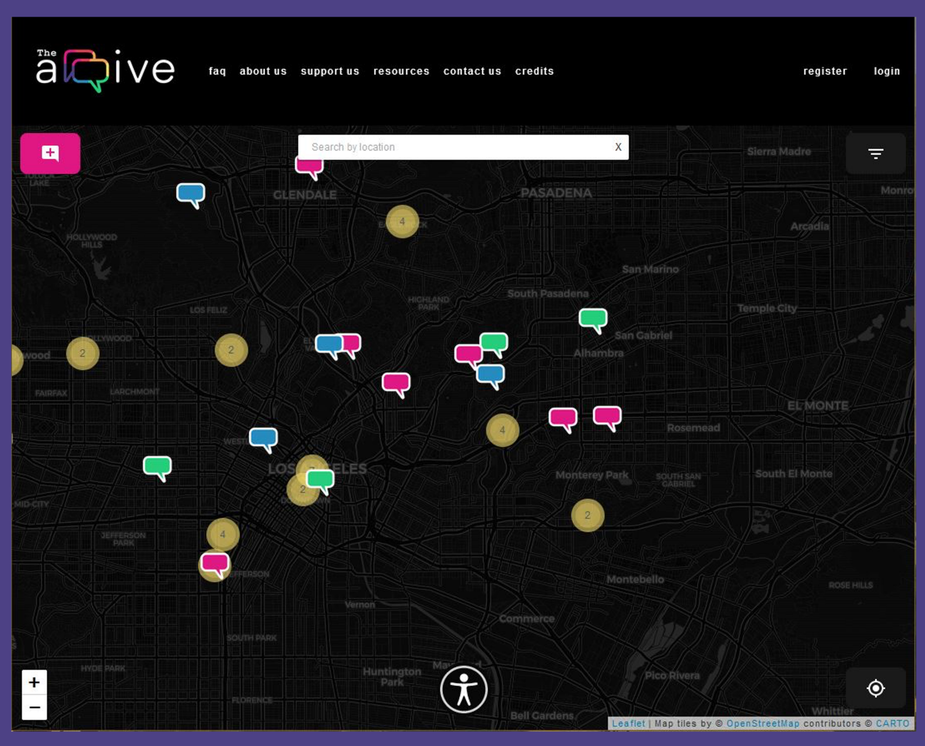
project goals

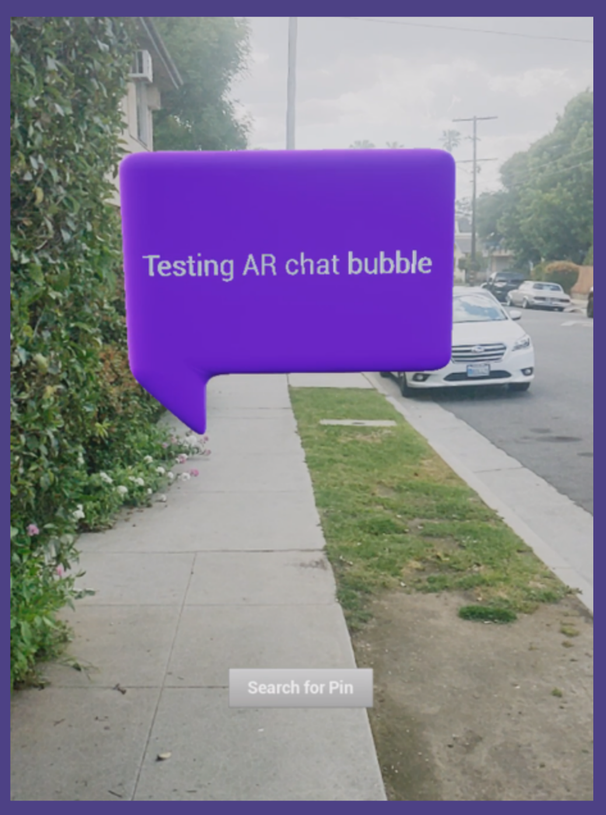
Our objective this year was to expand upon the progress made in the last two years, including:

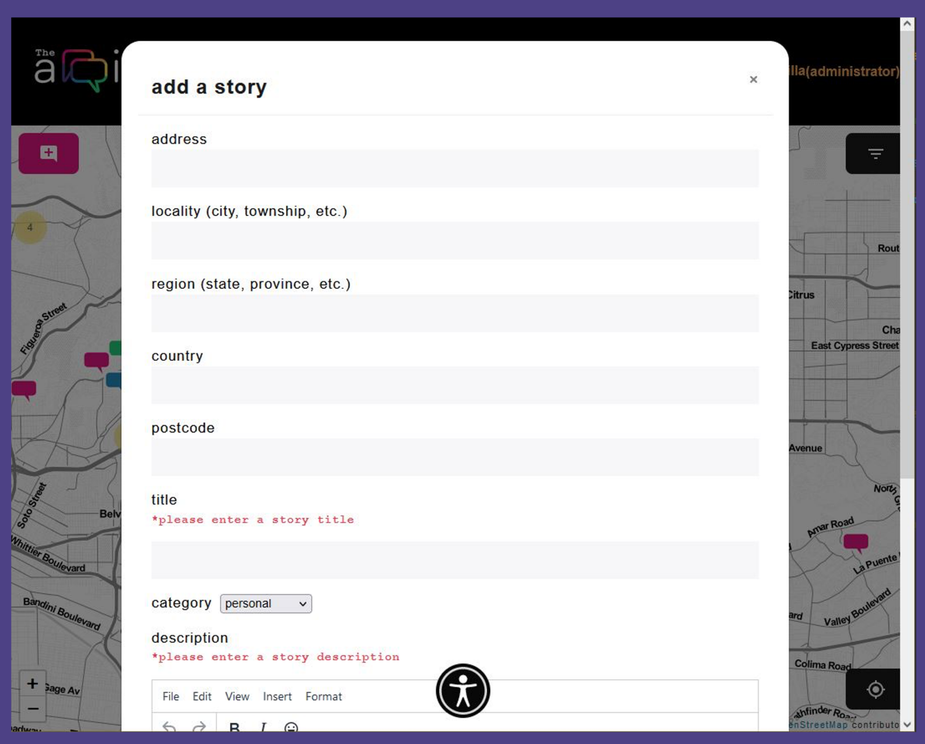
- Implement content moderation
- Add further security measures for users who choose anonymity
- Enhance gamification features to improve user engagement
- Link posts to other social media sites
- Add AR/VR features

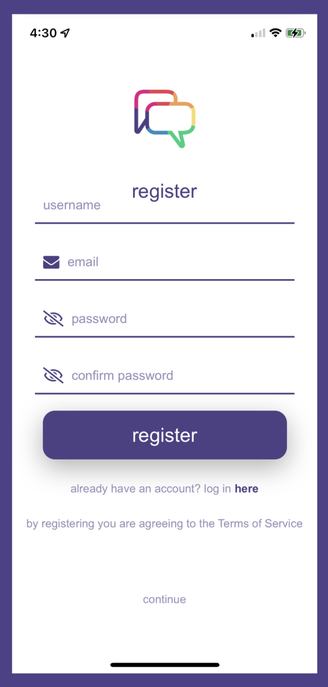
technologies

results











frontend

- numerous UI/UX enhancements
- posting images on mobile
- time restriction on posts

backend

- weekly automatic backups
- extensive refactoring for efficiency

content mod/security

- inappropriate content classifier improvements
- server login security / penetration testing

login/register

- must be logged in to post
- must agree to TOS to register an account

ar/vr

- view a pin at its geolocation