TrinScope

Meti Habtegiorgis, Benedicte Baile, Mia Creane
Department of Computer Science, Trinity College
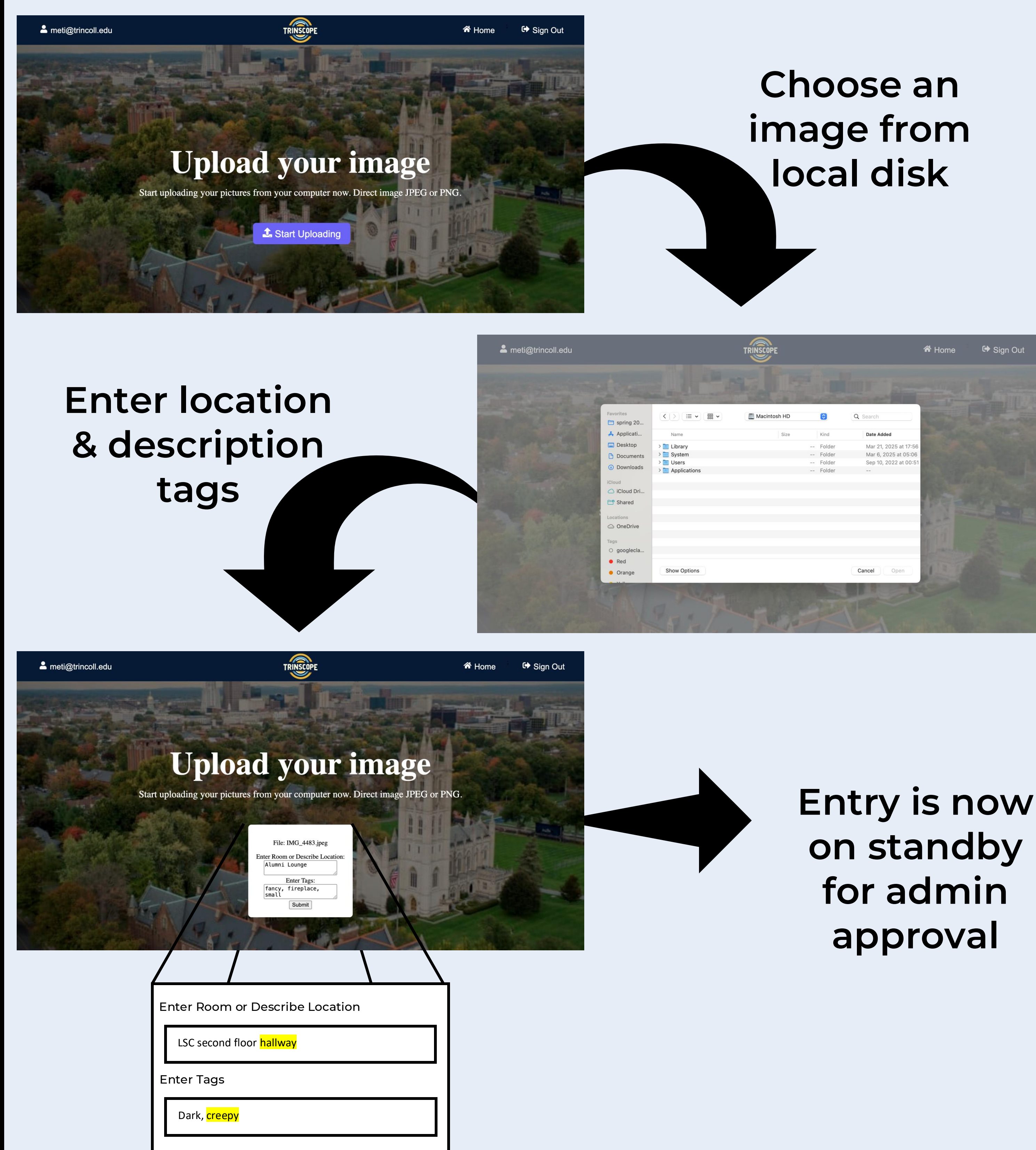Advisor: Dr. Madalene Spezialetti

Problem: Finding filming location in Trinity

Currently, there is no centralized system for scouting filming locations around Trinity College. Many filmmakers are unaware of the large variety of spaces on campus, thus limiting their options for filming locations.

Solution: TrinScope

TrinScope is a web app with a crowdsourced database of filming locations on campus that allows users to contribute by uploading pictures of locations they have found and tagging them with detailed descriptions. After verification, entries can appear in the searches of users looking for filming locations at Trinity. An AI-powered search feature helps return more relevant results by understanding user queries beyond simple keyword matching.
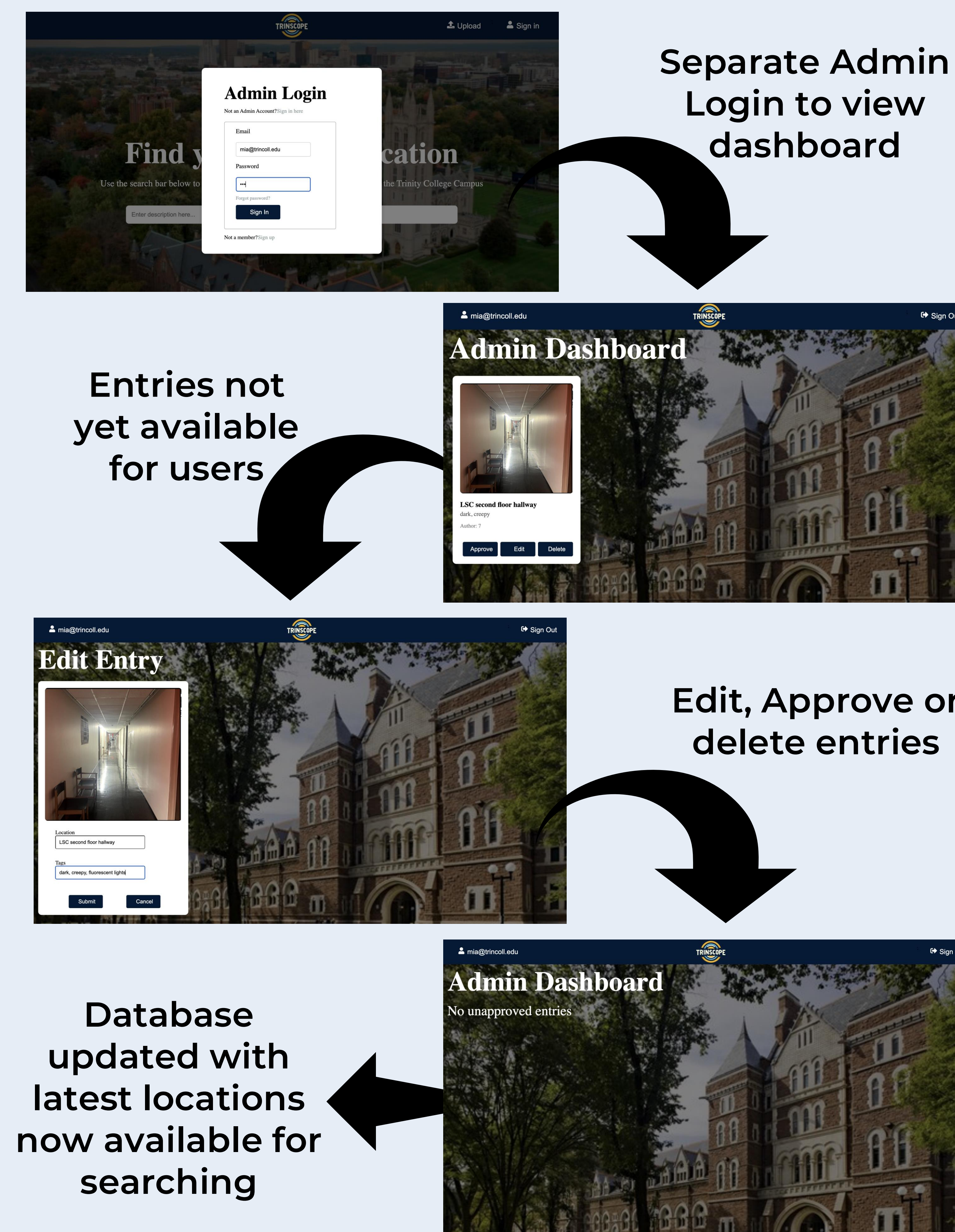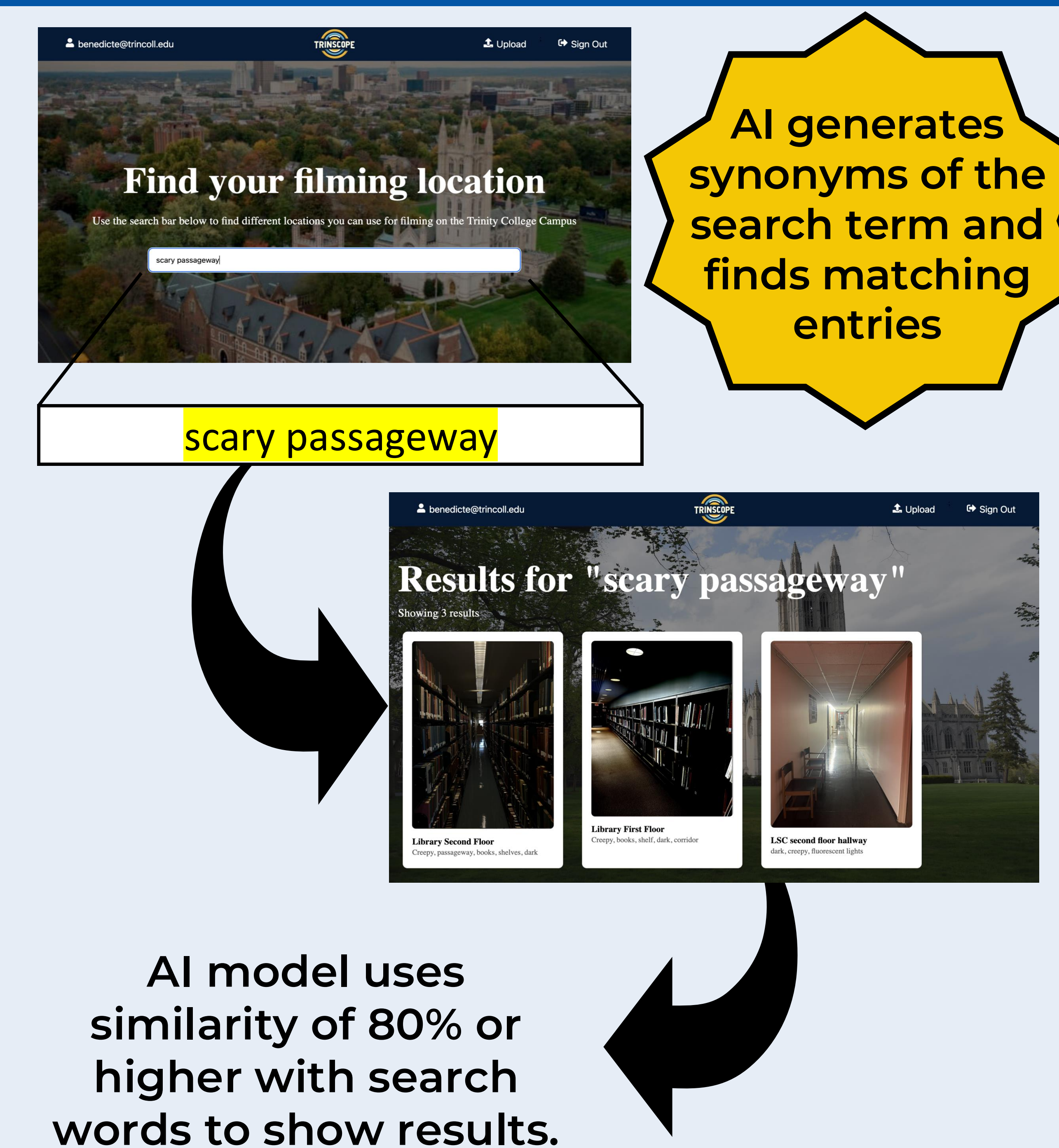
Upload a location on campus

Choose an image from local disk

Enter location & description tags

Entry is now on standby for admin approval

Admin View

Separate Admin Login to view dashboard

Entries not yet available for users

Edit, Approve or delete entries

Database updated with latest locations now available for searching

Find your ideal location

AI generates synonyms of the search term and finds matching entries

scary passageway

Results for "scary passageway"

AI model uses similarity of 80% or higher with search words to show results.

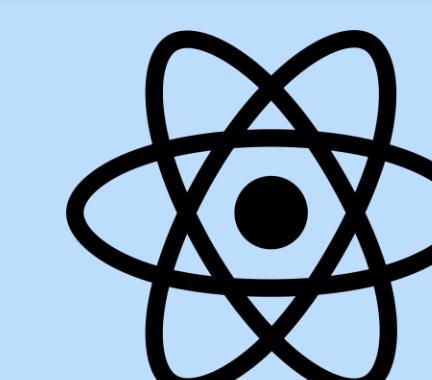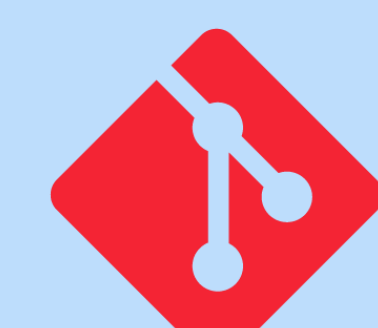## Benefits

- Provides a centralized way of finding filming locations on campus
- Allows contribution from the Trinity community, encouraging the collaboration of film enthusiasts and keeping the site up to date

Acknowledgements

Technologies used: SQLite, React, django, Python, git, OpenAI