

COSC 360 Project Proposal

The 'Mancer Zone'

Members of Project

Roarke DeCrewe, Currently Only Member and thus everything (ideally frontend or database design)

Project Description

The 'Mancer Zone' will be designed as a community skill sharing website themed around wizards who are hoping to teach one another new magical techniques (this theming is solely for MY amusement, but the design of the site will still be kept up to snuff). Within the site users will be able to create a profile offering skill lessons for any other user, with their proficiencies in offered skills listed on their profile along with scheduled lessons that they offer. Users are able to enroll in these scheduled lessons and attend them via external communication methods, or request private lessons via a booking system (if a user has this enabled).

Below is a list of actions and the associated user type for each, with actions of lower user types (ie. unregistered user vs. a registered user) also being available to those of higher types.

Unregistered User (aka 'Guest')

- **Main Page**
 - View popular 'teachers' (members with scheduled lessons with high numbers of sign ups' on the main page) on the front page
 - View soon to begin lessons on the main page
 - View popular lessons on the main page
- **Search (At top of page)**
 - Search for Lessons by Title
 - Search for Lessons by Lesson Type (ie. what is being taught via keyword)
 - Search for Lessons by communication method (in-person, zoom, etc.)
 - Search for Creator by Name
- **Details page (selected after search has been done)**
 - View profile of a creator
 - View description of a scheduled lesson
- Login to existing account with username and password (becomes Member)
- Register for an account (access 'Member' account) with username, password, and profile image

Registered User (aka 'Member')

- **Profile Page**
 - View your own profile
 - Edit your own profile
 - Add associated skills

- Change display name
 - Change profile image
 - Change username
 - Change password
- Create new offered lesson
 - Create lesson title
 - Create lesson date
 - Create lesson description
 - Choose lesson 'school' (from a list of predefined types of lessons (conjuraton, abjuration etc.))
 - Add keywords (used in search)
 - Choose communication method
- Edit created lesson
- **Inbox**
 - Send request to user for private lesson
 - See and respond to user request for private lesson
 - See cancelled lesson notifications or changes to lesson
 - See moderator mail about lessons
- **Lessons**
 - View upcoming lessons you are signed up for
 - View upcoming lessons you are to teach
 - Edit details of upcoming lesson you are to teach
 - Cancel upcoming lesson you are enrolled in
 - Cancel upcoming lesson you are to teach
- Sign up for upcoming lesson

Moderator User (aka 'Staff')

- **Moderator actions**
 - Delete lessons that go against TOS
 - Contact user regarding inappropriate conduct or lesson contact
 - Delete Account of a user
- See data on lessons for a given day
 - Number of lessons scheduled
 - Number of teachers with lessons scheduled
 - Number of attendants for lessons
 - Number of site viewers on a given day
- See user data for the past 30 days with filters (type of data and date range)
 - See creation, edits, and deletion of lessons
 - See sign-ups and leaving of lessons
 - Changes to display-name or profile picture
 - See requests sent to other users

Design Document

Below is the link to the Figma with the mockups of the design for the website, with navigation being quite clear as everything is clearly labeled

[Link](#)

Landing Page (Can go to Main Page or Login or Signup Page)

Main Page (Can go to any lesson page by clicking image, login or signup from top corner, or can open hamburger menu, can use central search bar to search)

Main Page Hamburger Menu (Can signout, go to profile, lessons, inbox, or moderator tools, can close by clicking hamburger button again)

All other pages can return to the main menu by clicking the title of the site at the top of the page

Login / Signup (One submitted, takes user to main page)

Profile (Can go to edit profile with edit button if this is your profile, or go to moderator tools if this is someone else's profile and you are a moderator)

Search (Can click on any lesson to access that lesson)

Lesson (Can click on creator to go to that creators page, clicking enroll enrolls you and takes you back to the main page)

Lessons (Shows you all currently enrolled and created lessons, click create to go to create lesson)

Create Lesson (Takes you to main menu after clicking create)

Moderator Page (Can click on profile name to go back to profile)

Edit Profile (Returns to profile after submit is clicked)