

P2P: Poem 2 Poem

The Collaborative Poetry Writing Service!

Presented by Team CHAMP

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What is P2P: Poem 2 Poem, and why?

- P2P is a web service.
- Allows users to collaborate on poetry.
- Provides users with suggestions and help with poetic elements.
- Functions as a notepad for aspiring and veteran poets alike.
- We wanted to create a novel webapp so we wouldn't be bound to the confines and standards of a concept that already exists.

Goals: Intention

- Authors will be able to create poems of multiple types.
- Authors are able to store their poems in a database and only writers are able to edit poems set to private.
- Authors are able to decide whether their poems will be available for public editing.
- P2P will provide authors with rhyming and poetic form suggestions.
- Authors will be able to interact with each other outside of the poetry portion of the service, through a chat service.

Goals: Achieved

- Authors are able to create and store different types of poems.
- Poems can be public for all or private for only invited users to add.
- Poems are written in tandem with other authors, each adding bit by bit.
- P2P provides suggestions in the way of rhyming, and in the way of poetic form.
- Users can search for poems based on title and author.

Challenges & Accomplishments

Challenges:

- Learning Web2Py
- Concurrent access of a single poem (editing)
- Understanding all the intricacies RhymeBrain API

Accomplishments:

- Team now knows how to use Web2Py
- Expanded our knowledge of poetry
- Furthered our understanding of team management

Technologies & Techniques

- Web2Py - Development
- RhymeBrain - Rhyming API
- CSS, HTML, SQL, JavaScript - Style and Database
- Git - Version Control
- SCRUM - Project Management

Reflection: Enjoyed?

Enjoyed:

- Enjoyed learning about poetry
- Learning to make a web application
- Working as a team

Did not enjoy:

- Dealing with concurrent editing of a poem
- Merge conflicts in git
- Time constraints

Lessons Learned:

- Communication is key, without communicating amongst the team, nothing is understood.
- Setting goals and milestones to track progress is an important factor in completing a product within a given timeframe.
- Organizational skills are well sought after, so we need to make sure updates and additions to code are well documented, because documentation allows for other developers to understand your work.