

'Fennec' Project Charter

John Du, Mitch Holm, Shawn Nirappil, George Lo, Joe Coy,
Michael Crabill, Timothy Vincent

1. Problem Statement

There is no current solution for a community driven synchronous youtube videos and sound clip playback web app with the a social aspect between users listening. Others existing systems with synchronous video don't have a way to see future videos that have been enqueued. As well these systems lack malicious user removal, a blended of queue for music and videos.

2. Project Objectives

The project objectives will be to . . .

- To help users synchronize their music with other users, to provide a connected listening experience
- Create a visually pleasing web app that will allow intuitive interaction
- Form music dedicated communities that can collaboratively create playlists
- Provide a robust IRC chat platform which allows users to communicate while experiencing the audio / video provided

3. Stakeholders

Stakeholders will include . . .

- Media consumers
- Youtube producers who will have their videos shown to a wide audience
- SoundCloud artists who will have their music presented to a wide audience
- Developers: John Du, Mitch Holm, Shawn Nirappil, George Lo, Joe Coy, Michael Crabill, Timothy Vincent
- Project manager: Timothy Vincent

4. Deliverables

Deliverables will include . . .

- A functioning service to synchronize music and videos
- Front end a web application made with HTML, CSS and JavaScript with
 - Seamless synchronized experience
 - Visually pleasing and intuitive interface
- A Backend which will comprise of
 - RESTful Python server which delivers media URIs to the front end
 - Youtube and Soundcloud parser which returns relevant information to a search function on the front end
 - A queue of media added by users and the respective metadata to each datum
- Full stack web integrated IRC client and custom chat server