Sprint 1 Plan

Lazy Lecture Bot

Completed Date - April 18 2016

Goal: Build a basic web application that accepts user uploaded videos, strips the audio, and transcribes it using IBM's Watson platform. Users should also be able to log in and view videos and transcripts through the application.

User stories:

1. As a developer, I would like a unified project structure to organize code and interfaces (3.5 story points).

    1. Web app database schema

    2. Basic Project Setup

    3. Research Hosting Options

2. As a user, I would like to retrieve a text transcript of a video's content because it will allow me to scan the video with ease (13 story points).

    1. Voice-To-Text API Calls: Write python wrapper for REST api calls for voice to text.

    2. Video Pipeline: Write a general video pipeline to process video from start to finish

    3. Store Video Segments

    4. read_bsr function

    5. store_bsr function

    6. Audio segmenting

    7. Audio stripping

3. As a user, I would like a web interface that allows me log in, upload recorded videos, view video transcripts, and replay them (8 story points).

    1. Sign up

    2. Index page layout and design

3. Video watch page

Team Roles and Initial Assignments:

- Brian Ecker: Product Owner, Developer

    - Initial Assignment: 1.2, 2.1

- Marc Manguray: Scrum Master, Developer

    - Initial Assignment: 3.1, 3.2

- Justin Chizer: Developer

    - Initial Assignment: 1.3

- Mj Shaar: Developer

    - Initial Assignment: 3.3

- Jonathan Balasingham: Developer

    - Initial Assignment: 1.1

Scrum Times:

Tuesday: 3:15pm, Thursday: 3:15pm, Friday: 12:30pm