Release Plan – Lazy Lecture Bot

Release 1 – 4/11/16

High level goals:

-"Be able to sign up and log into your Lazy Lecture Bot account."

-"Be able to upload videos and watch them."

-"Be able to get a text transcript of the video uploaded."

-"Be able to use word or topic searches of the transcript."

-"Be able to index into the video based on transcript searches."

User stories for release:

Sprint 1 - Video Processing and Web Framework

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

-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)

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

Sprint 2- Text Search and Keyword Summarization

-As a user, I would like to search video transcripts for text phrases so I can find relevant content with ease. (8 story points)

-As a user, I would like to click text search results to seek to the corresponding video location. (3 story points)

-As a developer, I would like a way to use a video player API to manage, display, and seek within videos. (8 story points)

Sprint 3: Video Processing Minutiae

-As a developer, I would like to remove background noise from audio clips to make video processing more effective. (5 story points)

-As a developer, I would like to split audio clips on silent segments because it will prevent words from being split into separate clips. (8 story points)

-As a user, I would like to see highlighted key terms as a summary of the video content because titles can be uninformative. (10 story points)

Product backlog: Everything we wanted in the project is accounted for into the three sprints. If we run out of time implementing some features we will add it to the backlog.