

“InstaBurns” Visual Navigator

Discovery

NYPL Open Audio Hackathon
June 25-26, 2016

The Idea

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IMAGES / VISUALS SLIDESHOW



**THEMATIC RELATED
AUDIO IN
THE COLLECTION**

**EXTERNAL RELATED
RESOURCES**

Scenarios

Casual exploration

Research and
answering questions

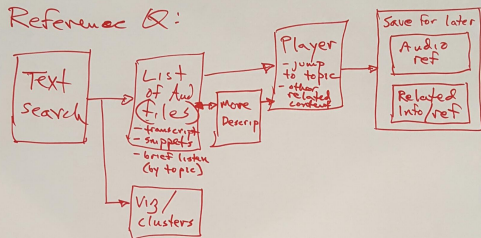
Deeper experience
“in place”

Gathering and
sharing resources

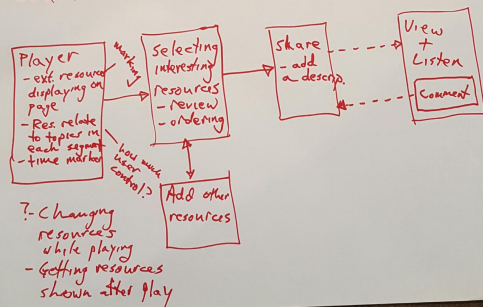


Scenario Flows

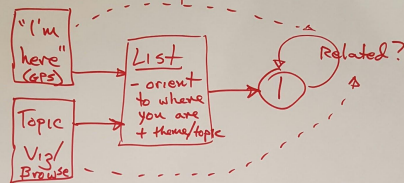
① Reference &:



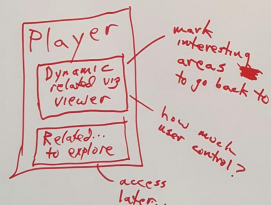
② Curate/ Collate Resources > share



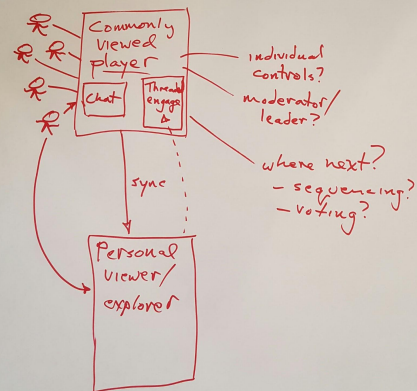
③ Deeper exper. in place



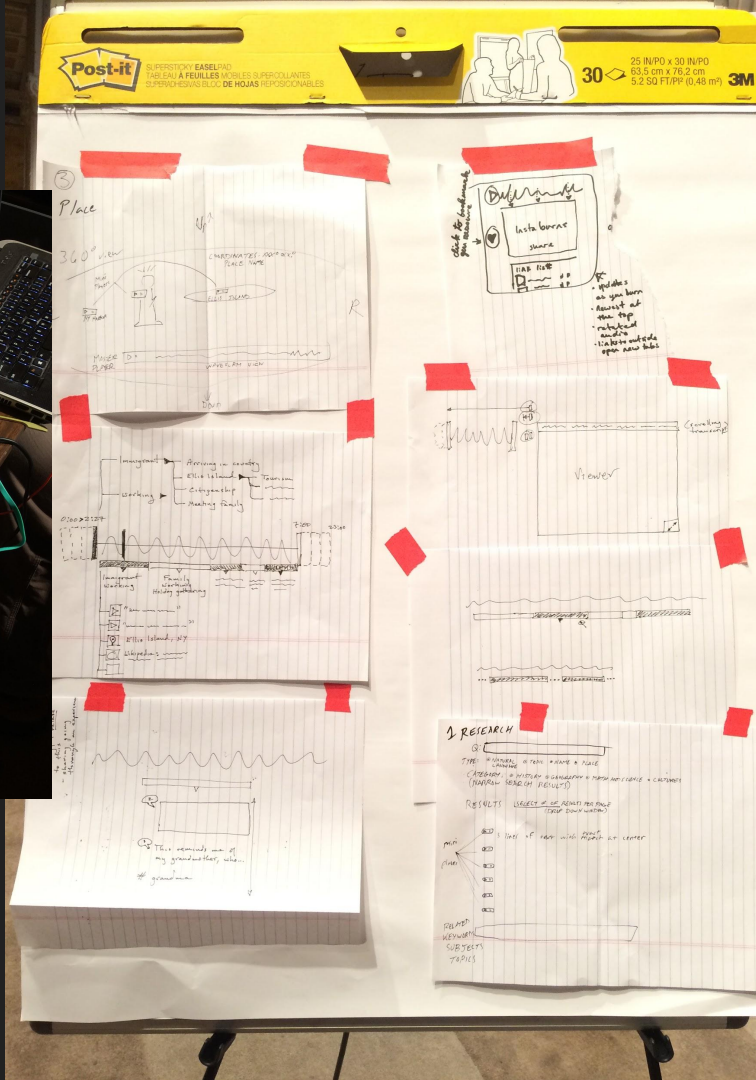
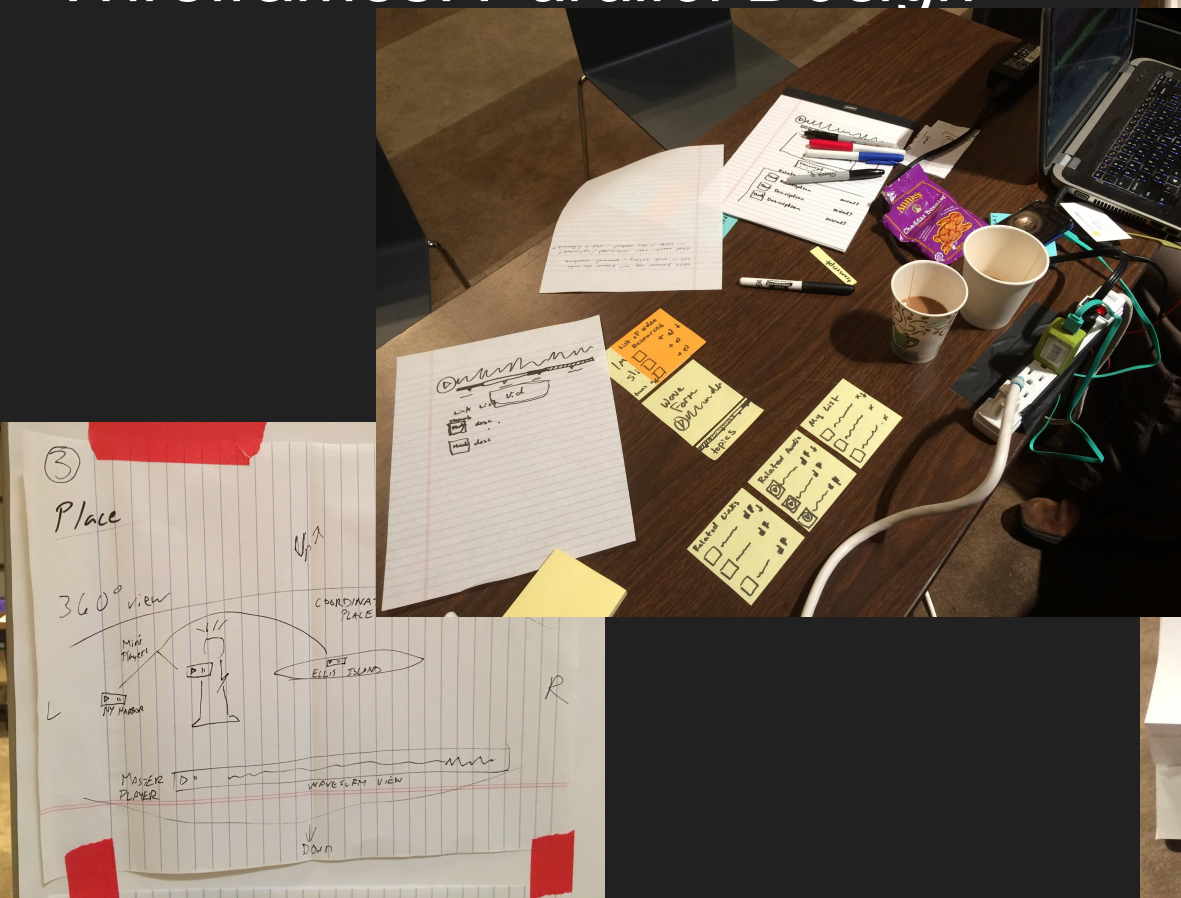
④ Dynamic, exploratory (casual)



⑤ Shared, collaborative discovery



Wireframes: *Parallel Design*



Development: Cluster analysis and visualization

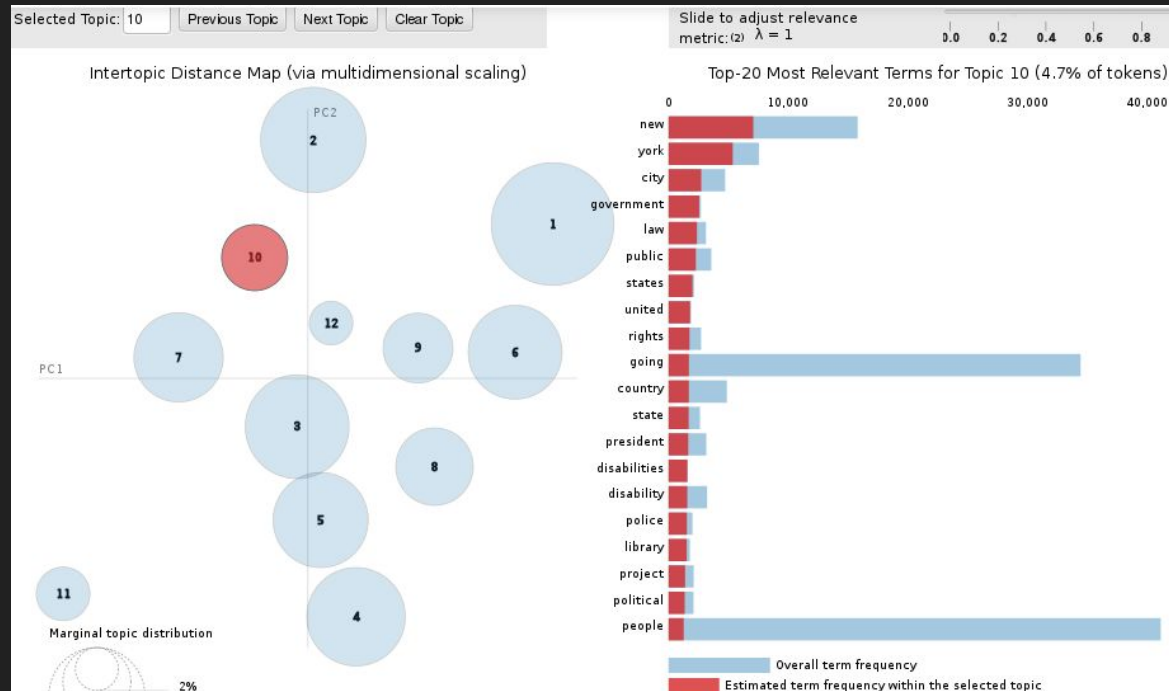
Gather audio segments

Perform term analysis

Review distributions
of the relationships
between terms

Name topics

Map colors to topics,
to navigate the timeline



Development: Visual story enhancement

Semantic analysis of sentences in transcripts

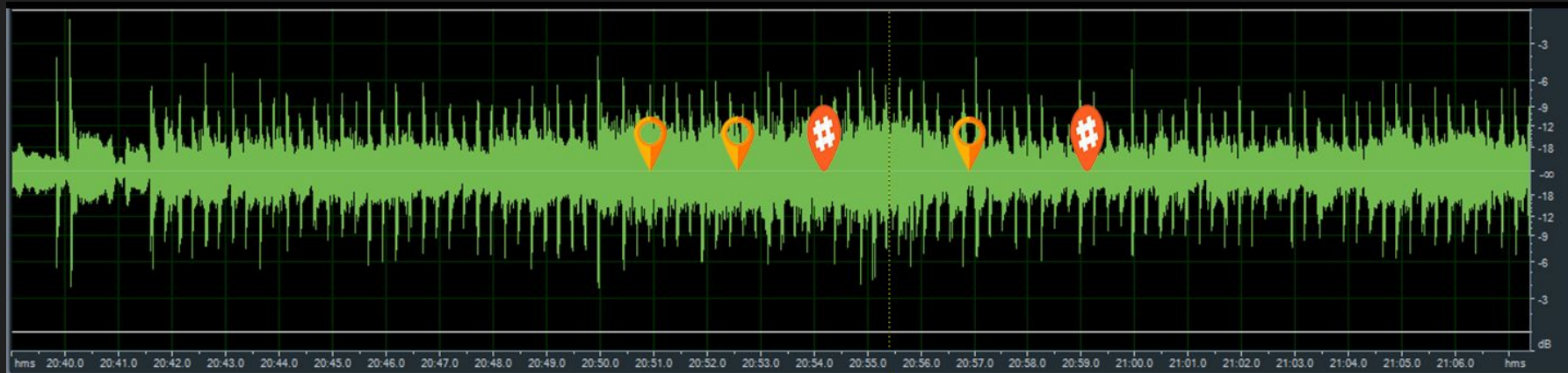
Entity identification

Incorporate the Google API to discover images

Stream into the “video slideshow” frame, along with the transcript

Associate terms with thematically-related audio files and associated external links

Future Functions



User can add bookmarks, notes, or hashtags to the waveform

Re-orienting & revisiting



More Future Functions

Generate topic networks and word clouds

Select from the resources presented to customize the video

Zoom to focus on individual topics

Share and save your session and your video, on the MemeGenerator model