

ECS 193AB Winter/Spring2017

Index My Meeting

Link to Presentation Slides: https://prezi.com/nduytfmzqv5k/capture-me/?utm_campaign=share&utm_medium=copy.
(https://prezi.com/nduytfmzqv5k/capture-me/?utm_campaign=share&utm_medium=copy.)

Keywords: Machine learning, OCR, Index, Search

Background/Introduction/Business Value

Taking meeting minutes is a tedious task and requires a large amount of manual labor. Taking a picture of the whiteboard at the end of the meeting only captures the final content leaving out earlier iterations. There is a need for users to search meeting discussions without having to write meeting minutes.

Description/Design Issues/Project scope

Solution:

An application running in the cloud that takes images captured from whiteboard meetings and using OCR to identify the text and index the text for searching. This would allow users to search content created throughout the meeting and eliminate the need to create meeting minutes.

User Story:

Bob and his team are in a conference room in San Francisco sketching ideas on a white board. During the meeting Bob has his phone capturing pictures of the whiteboard to provide a record of what they worked on using the Capture My Meeting application. At the end of the meeting they upload their pictures to the solution for creating a searchable record of their meeting.

Deliverables:

1. 1) Design documents, including Identify a OCR algorithm for indexing whiteboard content (from pictures) so it can be searched.
2. 2) Proof-of-concept that delivers:
 1. a) OCR'd content from the pictures
 2. b) Searched content
3. 3) Optional Deliverables based on size of team

a) Include audio recording of meetings in search index

Critical issues:

Finding an OCR algorithm that will capture the text from whiteboard content clearly

Contact:

The sponsors will meet with the students virtually 1-2X per week and once a month at the UC Davis Campus.

Sponsors:

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