P.A.B.O.E
(Photo Archive for Bureau Of Engineering)

Senior Design Spring 2017
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Photo Archive Dataflow

Mobile Application

Azure App Service

Tag / Image Information
SQL Database

Camera

Dashboard

Tags
BLOB Storage Container
Mobile Application

**ANDROID**

**iOS**

Username

Password

Login

Carrier

12:35 PM
Dashboard

**ANDROID**

Dashboard

Tags status: up to date!
Required Permissions: all granted

0 image(s) waiting to upload

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**iOS**

Dashboard

Tags Update Status: Up To Date
Permission Configuration Status: Correct
Photos to be uploaded:
Tagging

**ANDROID**

**iOS**
Image Selection

**ANDROID**

**iOS**
Tagging: Tags Selection

ANDROID

Select a category

A
B
C
Concert
D
Demo
E
Event
F
G

iOS

Carrier ▼ 9:28 PM

Back

A
A
B
B
C
C
Concert
The image is of a live concert
D
D
Demo
A demonstration of a project, program, or assignment
E
E
Event
The image is of a public event
F
F
G
G
Tagging: attributes

**ANDROID**

Demo
What is the purpose of the demo?
To show off our hard work
Where was the image taken?
CSULA - B10

**iOS**

Demo Purpose
What is the purpose of the demo?
To show off our years work of blood sweat and tears

Location
Where was the image taken?
At the CSULA senior design room
Tagging

**ANDROID**

Selected: 1

**SELECT FROM APP**

Recent gallery Images

**SELECT FROM GALLERY**

Tags:

- DEMO

**UPLOAD**

**iOS**

Image Selection

Images Taken Within This Application:

View Images Taken with In-App Camera

Images Imported Into This Application:

View Images Imported Through Photos

**Tag Selection**

Select Context and Add Tags

Selected Tags:

- Demo

Upload 0 Images with 1 Tags
Upload Queue

ANDROID

Dashboard

Tags status: up to date!
Required Permissions: all granted

1 image(s) waiting to upload

Upload has started

iOS

DASHBOARD

Tags Update Status: Up To Date
Permission Configuration Status: Correct
Photos to be uploaded:
Camera

**ANDROID**

- **Camera**
  - Taken: 0
  - Tags:
    - CLEAR TAGS
    - ADD TAGS
  - UPLOAD
  - TAKE PICTURE

**iOS**

- **Camera**
  - Tag Selection
  - Selected Tags:
  - Select Context and Add Tags
  - Note:
    - If there are tags selected, then the images taken will automatically be placed in the upload queue.
    - If there are no tags selected, then the images taken will only be placed in the internal application photo library
  - Open Camera
History

ANDROID

iOS
Settings

**ANDROID**

**Application settings**

- Upload only via Wi-Fi
- Location
- Delete photos automatically
- Delete after 90 days

**iOS**

**Settings**

- Use Wifi Only for Uploads: On
- Delete Photos Automatically: On
- Delete After ___ Days: 90
Hardships and Learning Experience

- Splitting the Team
- Documentation & Learning Curve
  - Azure Documentation
  - iOS
  - Android
Project Appreciation

B.O.E Liaisons

- Ted Allen
- Ray Uyemura
- Alisa Blake

Faculty Advisors

- Russell Abbott
- Jungsoo (Sue) Lim
Questions