SIMS 202 PHONE PROJECT – Assignment 4 Milestone 3
October 16, 2003 (due October 21, 2003)

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1. INTRODUCTION

We realize that technology instability and lack of a viewer for your photos and annotations have probably caused you all some difficulty and frustration on this project. We appreciate your patience and forbearance. Things now should be much better. We have a stable application on a dedicated server and now have applications to enable you to view and even create your photo annotations on the web.

For this assignment milestone you will:

- Capture five photos relevant to your group's application idea if you have not already done this
- Upload and annotate these photos using the MMM Image Gallery application on your camera phone
- Check that you successfully uploaded and annotated these photos using the new web-based MMMViewer
- Annotate those same five photos using your group's metadata framework in a web-based faceted metadata browser called Flamenco

The Flamenco application will allow you to present your group's metadata framework and annotated photos to the class on Tuesday Oct. 21st.

We know that some of you have already captured and annotated five application-relevant photos using your camera phones. If you believe that to be the case, please go to the MMMViewer (See Section 4 below) to verify that your photos were successfully uploaded to and annotated with the MMM Image Gallery application.

2. INSTALL THE LATEST VERSION OF IMAGE GALLERY

If you still need to capture and annotate five photos please be sure you have downloaded and installed the latest version of the Image Gallery application before you proceed.

Per the email Mayjane sent to the 202 mailing list on October 9, 2003 titled, "Update on Server and Photo Annotations (Assignment 3)"

1) Please download and install the newest version of Image Gallery by using your phone and the mMode GPRS Service to go to http://128.32.226.60/index.html

2) Follow the instructions on the page to download and install the latest version of the Image Gallery application.

This version has not changed since this email was originally sent to the class on October 9th.

3. CAPTURE/UPLOAD AND ANNOTATE 5 PHOTOS WITH IMAGE GALLERY

Once you have installed the latest version of the Image Gallery application, you need to capture/upload and annotate five photos that are relevant to your group's application idea.

If you think that you have already uploaded and annotated five photos related to your group's application idea then please go to the next section of this document and verify your work using the MMMViewer.

If you have been storing application-relevant photos on your phone while you waited for the MMM system to come back online, then you only need to:

1. Download and install the latest version of Image Gallery (See Section 2)
2. Run the Image Gallery application
3. Check a photo in the list under the Upload tab
4. Click Options (lower left)
5. Select and click Upload.

This will begin the file transfer to the MMM Server and the annotation process.

While uploading and annotating, avoid common mistakes by remembering to do the following:

- Wait for the "world to stop turning" on the upper left corner before proceeding with your next action
- Click EXIT when you have finished annotating a photo. The EXIT button is found on the top level Facet selection page. If you do not explicitly click the EXIT button at the end of each upload and annotate cycle, all of your annotations for that photo will be lost.
- Verify receipt of confirmation that "you have successfully annotated your photo"

Note that each time a photo is uploaded and annotated in the MMM system, it is treated as a unique instance regardless of whether it has been uploaded or annotated in the past. The MMM application does not currently support editing of past annotations, nor does it currently recognize duplicate photos. Each time you upload a photo it is assigned a unique filename and its annotations are associated only with that filename.

Please send all problems to mmm-help@sims.berkeley.edu. Please DO NOT send e-mail to is202-ta and mmm-bugs for phone problems. Having a single access point for all phone problems will speed up the resolution of these issues.

4. VIEW ANNOTATED PHOTOS USING THE MMMVIEWER

To verify that you successfully uploaded and annotated your five application-relevant photos to the MMM server you can use the new MMMViewer.

Go to

http://green.sims.berkeley.edu/nokia/manageLogin.html

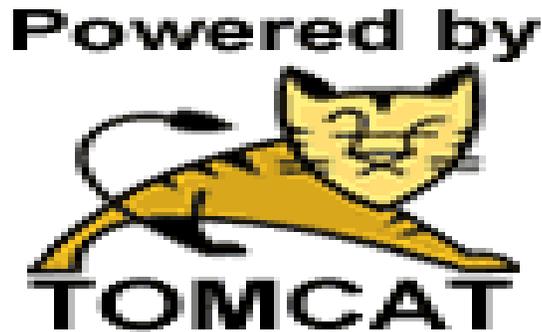Login with the same user name/password combination you use on your phone, i.e.

User Name: your SIMS user name
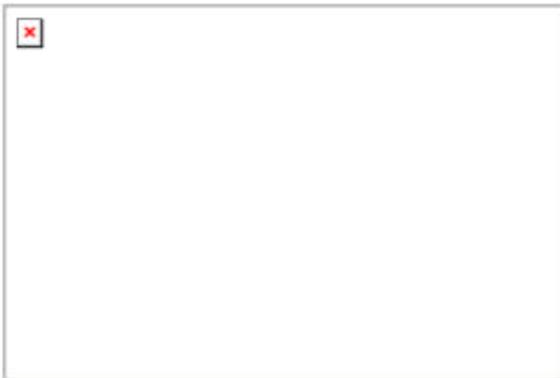Password: your SIMS user name

Please be aware that there are several known issues with the annotation information displayed in the MMMViewer. See examples of three different known issues below.

If you see either of these two images below, it means that your attempt to upload a photo was unsuccessful.

```
user=mariagl
CaptureDate=Oct 9, 2003 10:59:41 AM
CellID=-2
File=URL=http://green.sims.berkeley.edu/upload/invalid.gif
```



```
user=mariagl
CaptureDate=Oct 16, 2003 10:10:18 AM
CellID=4993
File=1172317144Tdwa.jpg
URL=http://green.sims.berkeley.edu/upload/mariagl/a0003/1172317144Tdwa.jpg
```


Please try uploading those photos again.

Another known issue relates to the annotation information that is displayed. In some cases, annotations will display in the incorrect facet. Even if the annotations appear to be associated with the wrong facet, the annotation data is correct on the back end.

In the following example, the Location facet shows "Daniel, Porjes" as a leaf node. You know this cannot actually be the case because the annotation interface wouldn't allow you to add a location annotation using a person's name.

So this is in fact a correctly annotated photo. We are working to resolve this bug as soon as possible.

```
user=marc
CaptureDate=Oct 14, 2003 6:13:31 PM
CellID=39221
File=1028507751Tdwa.jpg
URL=http://green.sims.berkeley.edu/upload/marc/a0003/1028507751Tdwa.jpg
Location annotations: -->Porjes, Daniel
People annotations: -->Male
Object annotations: -->Sunglasses
```


Below is a correctly annotated photo where the information displayed in the MMM Viewer is also correct.

```
user=marc
CaptureDate=Oct 13, 2003 2:55:41 PM
CellID=4993
File=930238545Tdwa.jpg
URL=http://green.sims.berkeley.edu/upload/marc/a0003/930238545Tdwa.jpg
Location annotations: -->South Hall
People annotations: -->Co, Mayjane
Activity annotations: -->Smiling
```

5. ANNOTATE FIVE PHOTOS USING FLAMENCO

We have built seven instances of the Flamenco Web browser and annotation system, one for each of your Phone Project Groups. You can use your customized version of Flamenco to annotate your five application-relevant photos, using your group's metadata framework. Then in your presentation to the class on Tuesday, you can use the Flamenco Metadata Browser to display and describe your metadata framework and the photos it allows you to describe.

Please carefully consult the Flamenco Guidelines document about how to use Flamenco to annotate your photos and browse your metadata framework.

Questions? Email: is202-ta@sims.berkeley.edu