Proposal: Photo Share **(IPhotoShare)**

COMS E6998

MOBILE COMPUTING WITH IPHONE AND ANDROID

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Our team is made of 3 people: McClain Braswell, Waseem Ilahi and Nils Hayat. We want to work on a project that we called Photo Share. We chose to develop exclusively for the iPhone. Here is a short description of the app.

Photo Share

You are visiting a new city or just going to a place you like. You want to take a picture of what you see. It can be a monument or a masterpiece in a museum or anything. You launch photo share, take your picture, and it locates you (using GPS) and uploads the picture to the web. You can then see pictures that other people have taken in the very spot as you, so you can see the Statue of Liberty from every angle, by day or night, under snow or sunshine, by only going there once! If things go smoothly and time permits, we could add a VR panorama feature -la Google Earth.

So the app will allow users to take pictures, tag them and share them online. Then using geolocalisation, you could see many pictures taken at the very same spot. We will have to use the Localisation and maps frameworks of the SDK, the link with the camera, Network connectivity... It makes our project a very complete project.

We plan to use Flickr as a way to host pictures online. They have a very nice API for uploading photos with geo tag support (the API even supports searching for photos tagged with certain latitude and longitude value ranges) which some of us have used before. Our application is not intended to be a Flickr application, but will simply use Flickr to host and query images so that we can focus our efforts on designing the interface of the application itself.

We also want, in the end to put the app on sale in the App Store.

We plan to have the basic app. up and running by the midterm report. It my not incorporate any advance features by that time, but they will be added as time passes.

THE END