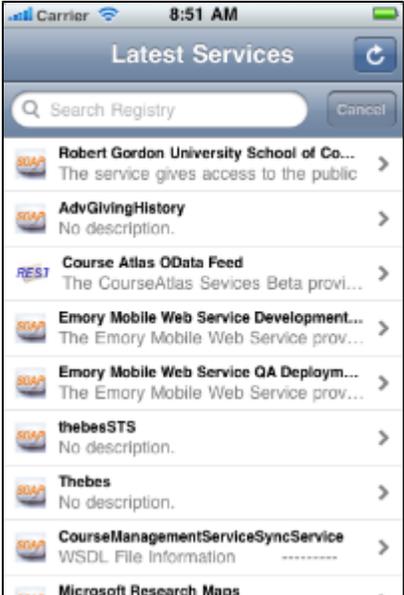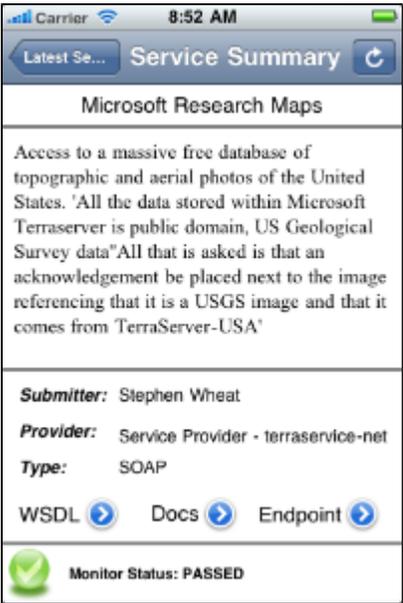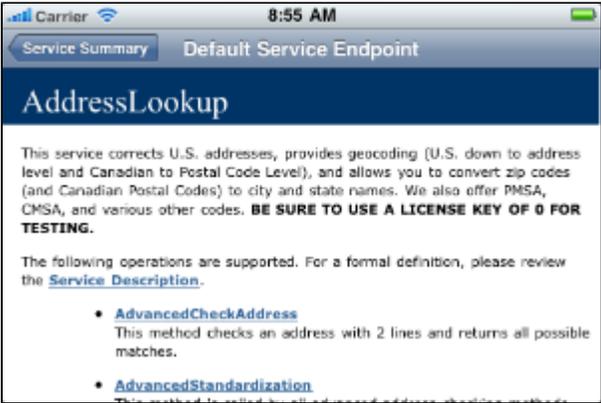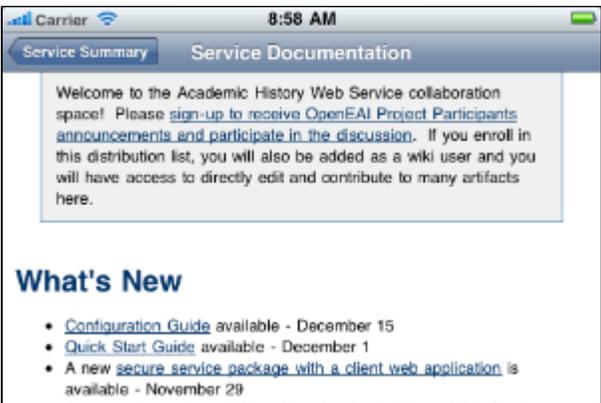# Brace Yourself for EdUnify Mobile for the iPhone and iPad
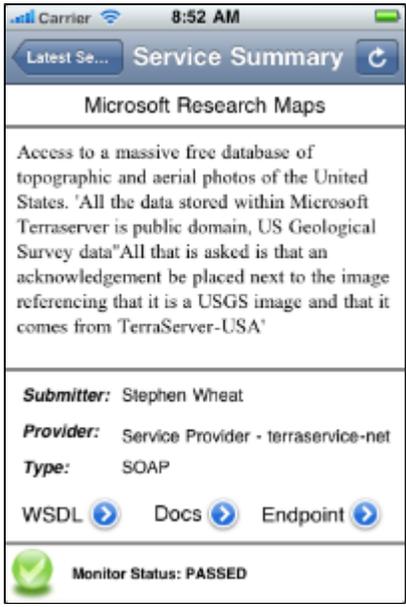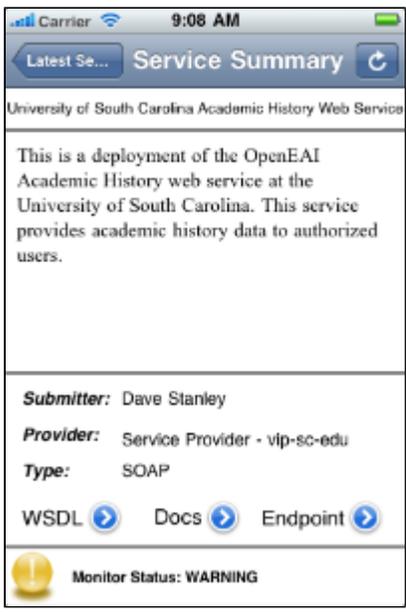
Emory University and the OpenEAI Software Foundation are working on mobile apps for EdUnify, BioCatalogue, and the Emory Web Service Registry. We¿re focusing first on EdUnify and expect the first application, EdUnify Mobile for the iPhone, to appear in the iTunes Store later this month. These applications demonstrate accessing the registry programmatically instead of using the more traditional, web application interface intended for human users. They demonstrate how any application can use the EdUnify REST API to search the registry and incorporate registry information in their own interfaces and operations. Additionally, the apps provide useful functions for accessing EdUnify data on the go. Initially, you will be able to:
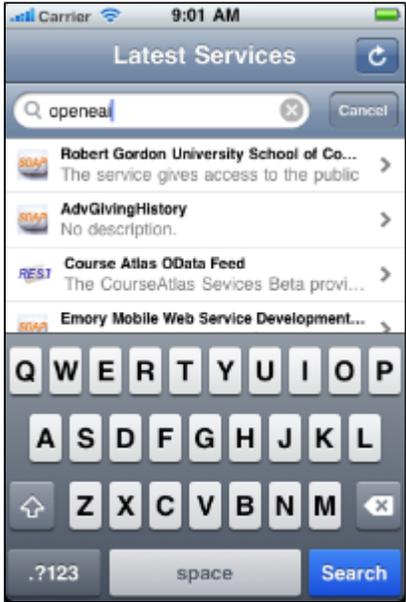
1. View the most recently added web services
2. Search over all services in the registry
3. View descriptions and other metadata about services
4. View the latest monitoring information about services
5. View additional documentation about services (when they have provided a documentation link in their registry entry)
6. Invoke services (when they have provided an endpoint interface and instructions in their registry entry)

Check out some snapshots below. In the coming weeks, we¿ll provide an on-demand Flash demo of the application and let you know as soon as the first application becomes available on iTunes. Please also remember to visit the registry and register some of your organization's web services. Also, please provide edits, comments and any other feedback on the draft call-to-action message that will be broadcast to a larger audience.

Snapshot	Image (click to enlarge)	Description
EdUnify Mobile icon		The application's icon leverages the familiar EdUnify logo.
Latest service listing		This screen uses the REST API to retrieve a list of most recently modified services from the registry.
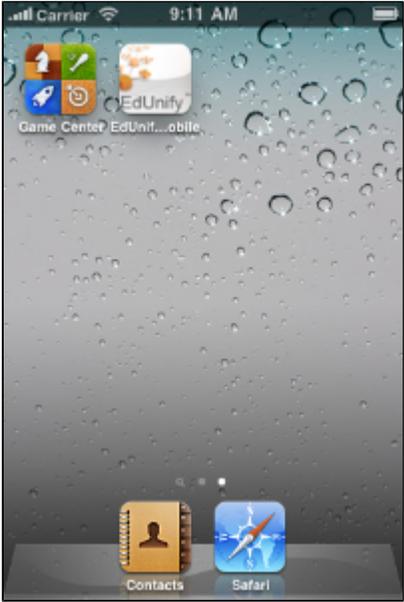
Service summary		Then, the API is used to retrieve more detailed information about the selected service.

Service Summary

Microsoft Research Maps

Access to a massive free database of topographic and aerial photos of the United States. 'All the data stored within Microsoft Terraserver is public domain, US Geological Survey data"All that is asked is that an acknowledgement be placed next to the image referencing that it is a USGS image and that it comes from TerraServer-USA'

Submitter: Stephen Wheat

Provider: Service Provider - terraservice-net

Type: SOAP

WSDL ▶   Docs ▶   Endpoint ▶

Monitor Status: PASSED

Service endpoint		If the service provides a functional endpoint, EdUnify Mobile will allow you to invoke that endpoint which in some cases may allow the user to actually invoke one or more operations associated to the service itself.

Default Service Endpoint

AddressLookup

This service corrects U.S. addresses, provides geocoding (U.S. down to address level and Canadian to Postal Code Level), and allows you to convert zip codes (and Canadian Postal Codes) to city and state names. We also offer PMSA, CMSA, and various other codes. **BE SURE TO USE A LICENSE KEY OF 0 FOR TESTING.**

The following operations are supported. For a formal definition, please review the **Service Description**.

- **AdvancedCheckAddress**
  This method checks an address with 2 lines and returns all possible matches.

- **AdvancedStandardization**

Service documentation		If the service provides links to additional documentation that describe it and how best to use it, EdUnify Mobile will allow the user to view that documentation on their phone.

Service Documentation

Welcome to the Academic History Web Service collaboration space! Please sign-up to receive OpenEAI Project Participants announcements and participate in the discussion. If you enroll in this distribution list, you will also be added as a wiki user and you will have access to directly edit and contribute to many artifacts here.

What's New

- Configuration Guide available - December 15
- Quick Start Guide available - December 1
- A new secure service package with a client web application is available - November 29

Monitor passed	**Carrier** 8:52 AM Latest Se... **Service Summary** ⟳ **Microsoft Research Maps** Access to a massive free database of topographic and aerial photos of the United States. 'All the data stored within Microsoft Terraserver is public domain, US Geological Survey data"All that is asked is that an acknowledgement be placed next to the image referencing that it is a USGS image and that it comes from TerraServer-USA' *Submitter:* Stephen Wheat *Provider:* Service Provider - terraservice-net *Type:* SOAP WSDL ▸ Docs ▸ Endpoint ▸ ✓ Monitor Status: PASSED	When all monitors associated to a service pass, a green check box will appear at the bottom of the Service Summary view.
Monitor warned	**Carrier** 9:08 AM Latest Se... **Service Summary** ⟳ University of South Carolina Academic History Web Service This is a deployment of the OpenEAI Academic History web service at the University of South Carolina. This service provides academic history data to authorized users. *Submitter:* Dave Stanley *Provider:* Service Provider - vip-sc-edu *Type:* SOAP WSDL ▸ Docs ▸ Endpoint ▸ ⚠ Monitor Status: WARNING	When one or more monitors have failed, a yellow exclamation point will appear at the bottom of the Service Summary view.
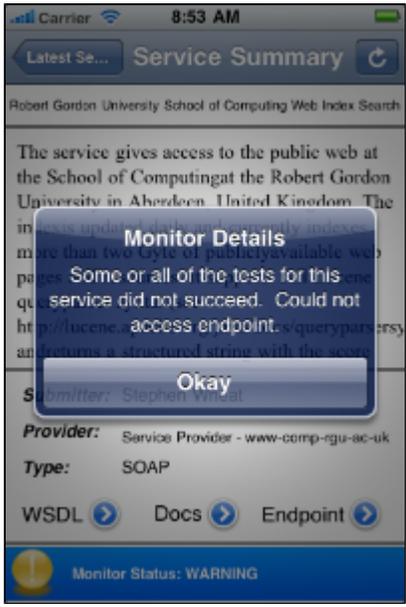
Monitor details			Users may "click" on the monitor row in the Service Summary view to obtain additional information about why the monitor failed.
Search for services			In addition to listing the latest services in the registry, EdUnify Mobile will allow a user to search for services by entering key words.
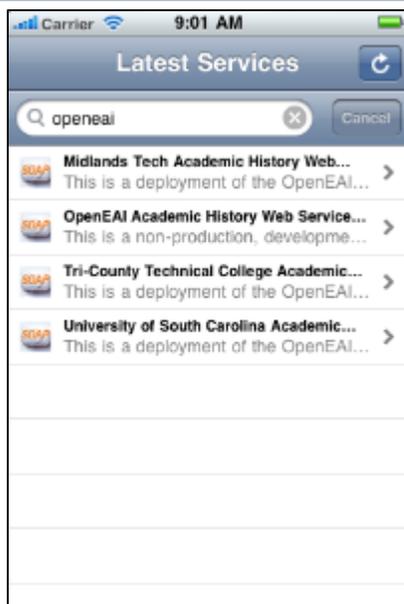
Search results		The EdUnify Mobile application will then use the REST API to search the registry for any services that contain metadata matching the search criteria. Once the list is returned, the user may follow the disclosure buttons to view more details about the service.