# Design of iPhone App

# (GBS-1528)

## Request

This application is intended for PM users to check for job status and to dispatch activities. The iphone should login the GlobalSight system by wireless means, and check job status.

## Design

The iphone application contains 3 screens totally. They are:

### Login screen:

There are several elements on login screen:

* GlobalSight logo:

The logo disappears when use is inputting in the textboxes.

* Server name/IP:

A textbox for inputting server address or IP. When the “Done” button is pressed, the “Port” textbox should be focused.

* Server port:

A textbox for inputting server port. Should only input numbers.

* Username:

A textbox for inputting username. When the “Done” button is pressed, the “Password” textbox should be focused.

* Password:

A password textbox for inputting password. When the “Go” button is pressed, do the login action.

* Disable HTTPS
* Login button

When all the above textboxes are filled, do the login action. Otherwise, give out alert.

The login action calls webservice interfaces to validate user’s information. If the validation is passed, navigate to the job list screen. Otherwise, give out alerts.

All the information expect password should be recorded, and next time when the program runs, the information should be filled in the text automatically.

Interfaces used:

* **String login(String username, String password)**

**Return value: an xml style string, which contains an accessToken required in later interfaces.**

### Job list screen

The job list screen uses table to show all the jobs. The table contains 3 columns: ***job ID, job name*** and ***job status***. When a job is selected by pressing, the system will navigate to the job detail screen to show the selected job details.

On top of the job list screen, there are 3 elements. They are: the title “My Jobs”, the refresh button and the logout button.

The list should list the job information in the reverse order of job ID.

Interfaces used:

* **String fetchJobsPerCompany(String accessToken)**

**Return value: an xml style string contains all the job information that in the user’s company.**

### Job detail screen

The detail screen shows the detail information of a job. The information includes: Source File information, Detailed Word Counts and Workflows information.

On top of detail screen, there are 3 elements. They are: the title “Job Detail”, the “Go Back” button and the logout button.

The screen is divided into 4 parts.

Interfaces used:

* **String getJobAndWorkflowInfo(String accessToken, long jobId)**

**Return value: an xml style string contains job details and relative workflow IDs.**