Motivation

- Interface implementation for users varies especially for smart phones and tablet PCs.
- Recently demand of smart mobile device has increased as did the usage of software interface. But the provided interfaces have limits.
- This project seeks to adopt network-based cloud environment and smart mobile environment to provide users with customized dynamic interface adequate for different environments.

Server System Design

- The cloud system environment has four types of servers, each server has the data management function of MongoDB based.
- Interface server stores created interface layouts and user server stores the user information.
- User use interface creation tools on the server to share created interface that can be used by other users.
- Mapping server stores just the user ID and interface ID information for efficient management.

Applications and Interface Display

- This project provide a web-based platform in the cloud for users to create custom interfaces.
- In this Platform production system there is no need to install a separate SDK for using a Web browser, anytime and any-where, you can use the interface platform.

Interface Platform based on Cloud

- User-customized interface can be access with their ID and Password.
- Applications supports the slide mode and allow you to quickly change your preferred interface.