

Authentication Server Interface Specification

V1.1

Introduction

The Authentication Server is an HTTP server in cloud, for service whoever want to register and login, when registering, it must provide valid username (unique and length-acceptable), then before logging in the website, there must finish training process by uploading valid images (which contain clear face).

Interface Overview

/register	Client request to register in with username and password
/train	Client request to upload image for training
/login	Client request to login with username, password and verification image

Access Method

Access Method	Parameter name	type	Description	Exceptions	Map to services
/register	username:IN	string	Username to be registered must be checked by client and guarantee that its length is between 2 to 20 characters which in [a-zA-Z1-9_]		Client
	passwdMd5:IN	string	Password must be in the format of MD5 encrypted code and composed of [a-zA-Z1-9] only		
	code:OUT	integer	HTTP status code located in the HTTP header		
	success:OUT	boolean	True if the username is unique in the database and have successfully register in the Server, if there is any exception return false		
/train	username:IN	string	Username who trains		
	image:IN	string	Single image encode with Base64, Client should guarantee that each image is smaller than 600KB		
	passwdMd5:IN	string	Password encoded with MD5		
	code:OUT	integer	HTTP status code located in the HTTP header		
/login	username:IN	string	username submitted to be authenticate		
	passwdMd5:IN	string	Password must be in the format of MD5 encrypted code and composed of [a-zA-		

			Z1-9] only		
	image:IN	string	Login image encode with Base64, the size of image cannot larger then 600K		
	code:OUT	integer	HTTP status code located in the HTTP header		