JSON Contract

# Module 1: Registration

## Request

Post “cpofstackoverflow/register” HTTP/1.1

{

“displayName”: “Daxter1291”,

“email”: “rpatel1291@gmail.com”,

“password”: “fc5e038d38a57032085441e7fe7010b0**”**

}

Note: The password will be encrypted to MD5

## Response

HTTP/1.1 201 Created

400 Bad Request {

“statusCode”: “1000”,

“statusMessage”: “Invalid email address”

}

400 Bad Request {

“statusCode”: “1001”,

“statusMessage”: “Invalid display name”

}

400 Bad Request {

“statusCode”: “1002”,

“statusMessage”: “Invalid Password”

}

400 Bad Request {

“statusCode”: “1003”,

“statusMessage”: “User already exist”

}

400 Bad Request {

“statusCode”: “1004”,

“statusMessage”: “Password is empty”

}

400 Bad Request {

“statusCode”: “1005”,

“statusMessage”: “Display Name is empty”

}

# Module 2: Login

## 2.1 Request

Post “cpofstackoverflow/login” HTTP/1.1

{

“email”: “rpatel1291@gmail.com”,

“password”: “fc5e038d38a57032085441e7fe7010b0**”**

}

Note: Password will be encrypted by frontend to MD5

400 Bad Request {

“statusCode”: “1006”,

“statusMessage”: “Invalid password or username”

}

# Module 3: Logout

## 3.1 Request

Post “cpofstackoverflow/logout” HTTP/1.1

{

“userid”: “1”

}

Note: This will invalidate in backend

## 3.2 Response

HTTP/1.1 200 OK

# Module 4: Tags

## 4.1 Getting tag(s)

### 4.1.1 Request

Get “cpofstackoverflow/tags” HTTP/1.1

### 4.1.2 Response

{

“tags”: [“C++”, “Java”, “Python”]

}

## 4.2 Setting tag(s)

### 4.2.1 Request

Post “cpofstackoverflow/tags” HTTP/1.1

{

“tags” : [“C++”, “Java”, “Python”]

}

### 4.2.2 Response

HTTP/1.1 201 Created