Lab 6: Designing a Web Service

## Web service endpoints:

GET <http://example.com/api/user?id=1>>>

Return a user account.

{

“Username”:”JoshyOshuy”,

“Full\_name”:”Joshua Joseph”,

“id”:”1”,

“Profile\_Picture”:”httppictuere.jpg” ,

“Likes”:[{ “photoID”: 15 },

{“photoID”: 5},

{“photoID”: 1250},

{“photoID”: 789},

{“photoID”: 234},

{“photoID”: 90},

{“photoID”: 2},

{“photoID”: 125},

{“photoID”: 25}

}]

}

POST <http://example.com/api/user>

Create a reference to a like photo(HTTP 200)

{

“id”:1,

“Likes”: [{ “photoID”: 15 },

{“photoID”: 5},

{“photoID”: 1250},

{“photoID”: 789},

{“photoID”: 234},

{“photoID”: 90},

{“photoID”: 2},

{“photoID”: 125},

{“photoID”: 25}

}]

}

<<PUT <http://example.com/api/user?id=1>>>

Description of how this endpoint is used. Describe request and response body.

<<DELETE <http://example.com/api/user?id=1>>>

Description of how this endpoint is used. Describe request and response body.

…

## JSON examples:

*<<*

*{*

*“username” : “rthackston”,*

*“Name” : “Russell”,*

*“userid” : 12345*

*}*

*>>*

…

## Usage examples:

*<<Describe a step-by-step example of how the web service may be utilized by an application.>>*