

# REST API

## Actions :

### Search a user's name

**URL :** /SearchUserName/name

**Method:** GET

**URL params:**

Required: input = [string]

**Success Response:**

Code: 200

Content: { OK: "1" } if not exists

Content: { OK: "0" } if it exists (client handles it)

**Error Response:**

Code: 400

Content: { error: "wrong input" }

**Sample Call:**

\$.ajax {URL: /SearchUserName/kutsukis

Datatype: "JSON"

Type: GET

Success: function(response){  
console.log(response);  
}

### Search user's email

**URL :** /SearchUserEmail/email

**Method:** GET

**URL params:**

Required: input = [string]

**Success Response:**

Code: 200

Content: { OK: "1" } if not exists

Content: { OK: "0" } if it exists (client handles it)

**Error Response:**

Code: 400

Content: { error: "wrong input" }

**Sample Call:**

```
$.ajax {URL: /SearchUserEmail/kutsukis@csd.uoc.gr
      Datatype: "JSON"
      Type: GET
      Success:      function(response){
                      console.log(response);
                    }
}
```

## Update User

**URL :** /UpdateUser/inputs

**Method:** PUT

**URL params:**

Optional: {

Input1: FName,Input2: Lname,Input3: BDate,Input4:  
Occupation,Input5: Country,Input6: Town,Input7: Address,Input8:  
Interests,Input9:Info,Input10: Gender  
}

**Data Params:** None

**Success Response:**

Code: 200

Content: { OK: "1" }

**Error Response:**

Code: 400

Content: { error: "wrong input" }

**Sample Call:**

```
$.ajax {URL: /SearchUserEmail/inputs
      Datatype: "JSON"
      Type: GET
      Success: console.log(response)
    }
}
```

## Get Email

**URL :** /UpdateUser/inputs/email

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL: /UpdateUser/inputs/email  
  Datatype: "JSON"  
  Type: GET  
  Success: 200  
}
```

## Get Fname

**URL :** /UpdateUser/inputs/Fname

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL: /UpdateUser/inputs/Fname  
  Datatype: "JSON"  
  Type: GET  
  Success: 200  
}
```

## Get Lname

**URL :** /UpdateUser/inputs/Lname

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL: /UpdateUser/inputs/Lname  
  Datatype: "JSON"  
  Type: GET  
  Success: 200  
}
```

## Get Bdate

**URL :** /UpdateUser/inputs/Bdate

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL: /UpdateUser/inputs/Bdate  
  Datatype: "JSON"  
  Type: GET  
  Success: 200  
}
```

## Get Gender

**URL :** /UpdateUser/inputs/Gender

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL: /UpdateUser/inputs/Gender  
  Datatype: "JSON"  
  Type: GET  
  Success: 200  
}
```

## Get Country

**URL :** /UpdateUser/inputs/Country

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL: /UpdateUser/inputs/Country  
  Datatype: "JSON"  
  Type: GET  
  Success: 200  
}
```

## Get City

**URL :** /UpdateUser/inputs/city

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL: /UpdateUser/inputs/city
        Datatype: "JSON"
        Type: GET
        Success: 200
    }
```

## Get Address

**URL :** /UpdateUser/inputs/address

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL:/UpdateUser/inputs/address
        Datatype: "JSON"
        Type: GET
        Success: 200
    }
```

## Get Job

**URL :** /UpdateUser/inputs/job

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL:/UpdateUser/inputs/job
        Datatype: "JSON"
```

```
Type: GET
Success: 200
}
```

## Get Interests

**URL :** /UpdateUser/inputs/interests

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL: /UpdateUser/inputs/interests
        Datatype: "JSON"
        Type: GET
        Success: 200
}
```

## Get Infos

**URL :** /UpdateUser/inputs/infos

**Method:** GET

**Success Response:**

Code: 200

**Sample Call:**

```
$.ajax {URL: /UpdateUser/inputs/infos
        Datatype: "JSON"
        Type: GET
        Success: 200
}
```

## Get UserName

**URL :** /UpdateUser/inputs/Username

**Method:** GET

**URL params:**

Required: input = [string]

**Success Response:**

Code: 200

**Sample Call:**

```
$ajax {URL: /UserFriends
      Datatype: "JSON"
      Type: GET
      Success: { name: GeorgeKmp
                email: csd3142@csd.uoc.gr
              }
}
```

## Get UserFriends

**URL :** /UserFriends

**Method:** GET

**Success Response:**

Code: 200

```
Content: {name: friends_name
          Email: friends_email
        }
```

Content: {empty} If not any

**Sample Call:**

```
$ajax {URL: /UserFriends
      Datatype: "JSON"
      Type: GET
      Success: { name: GeorgeKmp
                email: csd3142@csd.uoc.gr
              }
}
```

## Logout

**URL :** /Logout

**Method:** PUT

**Sample Call:**

```
$ajax {URL: /Logout
      Datatype: "JSON"
      Type: PUT
    }
```

## Reload

**URL :** /UserReload/UserName

**Method:** GET

**URL params:**

Required: UserName = [string]

**Success Response:**

Code: 200

Content: { OK: "" }

Content: { OK: "NOT\_connected" }

**Sample Call:**

\$.ajax {URL: /UserReload/UserName

Datatype: "JSON"

Type: GET

Success: [string]

}

## Login

**URL :** /Login

**Method:** GET

**URL params:**

Required: username = [string]

Required: password = [string]

**Success Response:**

Code: 200

Content: { OK: "1" } if not exists

Content: { OK: "Wrong Password" }

Content: { OK: "User not exists" }

**Error Response:**

Code: 400

Content: { error: "not all fields covered" }

**Sample Call:**

\$.ajax {URL: /Login

Datatype: "JSON"

Type: GET

Params: {username: username, password: password}

Success: response



# Submit Form

**URL :** /Submit/form

**Method:** POST

**URL params:**

Required: username = [string]

Required: password = [string]

Required: email = [string]

Required: confirm\_password = [string]

Required: name = [string]

Required: surname = [string]

Required: city = [string]

Required: job = [string]

**Success Response:**

Code: 200

Content: { OK: "1" }

**Error Response:**

Code: 400

Content: { error: "required field is empty" }

Code: 400

Content: { error: "passwords dont match" }

Code: 400

Content: { error: "already inuse" }

Code: 400

Content: { error: "regex problem" }

**Sample Call:**

\$.ajax {URL: /Login

Datatype: "JSON"

Type: GET

Params: {username: "kutsukis", password: "kupass#3",email:

"kutsukis@csd.uoc.gr",confirm\_password: "kupass#3",name: "Nick",surname:

"Kutsukis",city: "Heraklion",job: "Student"}

Success: response

}

## Create NewPoll

**URL :** /NewPoll

**Method:** POST

**URL params:**

Required: category = [string]

Required: title = [string]

Required: description = [string]

Required: creator = [string]

**Success Response:**

Code: 200

Content: { OK: "1" }

**Error Response:**

Code: 400

Content: { error: "Inputs are missing" }

**Sample Call:**

\$.ajax {URL: /NewPoll

Datatype: "JSON"

Type: POST

Params: {category: "newpoll", title: "testpoll",description:  
"no\_purpose",creator: "kutsukis"}

Success: response

}

## User Initiative List (user's initiative list)

**URL :** /UserInitiativeList

**Method:** GET

**URL params:**

Required: username = [string]

**Success Response:**

Code: 200

Content: { OK: "0" } (list is empty)

Content: { OK:

Id: [string]

Creator: [string]

Title: [string]

Category: [string]

Description: [string]

Status: [string]

}

**Error Response:**

Code: 400

Content: {error: "Input user is missing"}

**Sample Call:**

\$.ajax {URL: /UserInitiativeList

Datatype: "JSON"

Type: GET

Params: {username: "kutsukis"}

Success: response

}

## Delete Poll

**URL :** /DeletePoll

**Method:** DELETE

**URL params:**

Required: creator = [string]

Required: poll\_id = [string]

**Success Response:**

Code: 200

Content: { OK: "1" }

**Error Response:**

Code: 400

Content: {error: "Poll not exist"}

Code: 400

Content: {error: "Input is missing"}

**Sample Call:**

```
$.ajax {URL: /DeletePoll
  Datatype: "JSON"
  Type: DELETE
  Params: {creator: "kutsukis",poll_id: "1"}
  Success: response
}
```

## Update Poll

**URL :** /UpdatePoll

**Method:** PUT

**URL params:**

Required: poll\_id= [string]

Required: category = [string]

Required: title = [string]

Required: description = [string]

**Success Response:**

Code: 200

Content: { OK: "1" }

**Error Response:**

Code: 400

Content: {error: "Input is missing"}

**Sample Call:**

```
$.ajax {URL: /UpdatePoll
```

```
Datatype: "JSON"
Type: PUT
Params: {poll_id: "1",category: "newcategory",title: "Newtitle",description:
"NewDescription"}
Success:    response
}
```

## Set Expire Date

**URL :** /SetExpireDate

**Method:** PUT

**URL params:**

Required: date = [string]

Required: poll\_id = [string]

**Success Response:**

Code: 200

Content: { OK: "1" }

**Error Response:**

Code: 400

Content: {error: "Input is missing"}

**Sample Call:**

\$.ajax {URL: /SetExpireDate

Datatype: "JSON"

Type: PUT

Params: {date= "Mon Dec 25 2017 02:00:00 GMT+0200 (Χειμερινή ώρα  
GTB)",poll\_id: "1"}

Success: response

}

## Active Polls List

**URL :** /ActiveInitiatives

**Method:** GET

**URL params:**

Required: username = [string]

**Success Response:**

Code: 200

Content: { OK: "0" } (list is empty)

Content: { OK:

Id: [string]

Creator: [string]

Title: [string]

Category: [string]

Description: [string]

}

**Error Response:**

Code: 400

Content: {error: "username input is missing"}

**Sample Call:**

\$.ajax {URL: /ActiveInitiatives

Datatype: "JSON"

Type: GET

Params: {username: "kutsukis"}

Success: repsonse

}

## Cast Vote

**URL :** /CastVote

**Method:** PUT

**URL params:**

Required: poll\_id = [string]

Required: user\_id = [string]

Required: vote = [string]

**Success Response:**

Code: 200

Content: { OK: "1" } (creating new vote)

Content: { OK: "updated"} (update existing vote)

**Error Response:**

Code: 400

Content: {error: "Input is missing"}

**Sample Call:**

\$.ajax {URL: /SetExpireDate

Datatype: "JSON"

Type: PUT

Params: {poll\_id: "1",user\_id: "kutsukis",vote: "up"}

Success: response

}

## Ended Initiatives List

**URL :** /EndedInitiativeList

**Method:** GET

**URL params:** none

**Success Response:**

Code: 200

Content: { OK: "0" } (list is empty)

Content: { OK:

Id: [string]

Creator: [string]

Title: [string]

Category: [string]

Description: [string]

}

**Sample Call:**

\$.ajax {URL: /UserInitiativeList

Datatype: "JSON"

Type: GET

Params: {username: "kutsukis"}

Success: response

}



## User Initiative List (user's initiative list)

**URL :** /UserInitiativeList

**Method:** GET

**URL params:**

Required: username = [string]

**Success Response:**

Code: 200

Content: { OK: "0" } (list is empty)

Content: { OK:

Id: [string]

Creator: [string]

Title: [string]

Category: [string]

Description: [string]

Status: [string]

}

**Error Response:**

Code: 400

Content: {error: "Input user is missing"}

**Sample Call:**

\$.ajax {URL: /UserInitiativeList

Datatype: "JSON"

Type: GET

Params: {username: "kutsukis"}

Success: response

}

## Vote Results

**URL :** /VoteResults

**Method:** GET

**URL params:**

Required: poll\_id = [string]

**Success Response:**

Code: 200

Content: {OK :

upvotes: [integer] ,  
downvotes: [integer]  
}

**Error Response:**

Code: 400

Content: {error: "Input poll\_id is missing"}

**Sample Call:**

\$.ajax {URL: /VoteResults

Datatype: "JSON"

Type: GET

Params: {poll\_id: "1"}

Success: response

}

## Check Expires

**URL :** /CheckExpires

**Method:** PUT

**URL params:** none

**Success Response:**

Code: 200

Content: {OK : "1"}

Content: {OK : "0"}

**Sample Call:**

```
$.ajax {URL: /CheckExpires
  Datatype: "JSON"
  Type: PUT
  Params: {poll_id: "1"}
  Success: response
}
```

If any actions is taken or an illegal action is entered an error code will be returned.