DevOps Assessment Tool

API Design Document

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# **Login and Logout**

## **Service :** Login

End Point : [**http://10.168.111.19:9090/devops/login**](http://10.168.111.19:9090/devops/login)

Method : POST

Headers Required : Content-Type

Pay Load :

{

"username": "abc",

"password": "root"

}

Response :

## {

## "status": 200,

## "userrName": "abc",

## "token": "YWJjMjAxOS0xMC0yOSAwMjoxMDoxOA==",

## "userId": 5012,

## "message": "success",

## "role": "admin"

## }

## **Service :** Logout

End Point : [**http://10.168.111.19:9090/devops/logout/{userName}**](http://10.168.111.19:9090/devops/logout/%7buserName%7d)

Method : GET

# **User**

## **Service :** Get all Users

End Point : [**http://10.168.111.19:9090/devops/getAllUsers**](http://10.168.111.19:9090/devops/getAllUsers)

Method : GET

Headers Required : token

## **Service :** Create User

End Point : **http://10.168.111.19:9090/devops/user**

Method : POST

Headers Required : token, Content-Type

Pay Load :

{

"loginName": "Kavita",

"username": "cde",

"accountName": "EUIPO",

"usermailid": "",

"role": "admin",

"password": "root"

}

## **Service :** Update User

End Point : **http://10.168.111.19:9090/devops/user**

Method : PUT

Headers Required : token, Content-Type

Pay Load :

## {

## "userId":"5000",

## "username": "cde",

## "role": "user",

## "password": "root",

## "loginName":"kavita",

## "accountName":"EUIPO",

## "usermailid":"cde@gmail.com"

## }

## **Service :** Delete User

End Point : **http://10.168.111.19:9090/devops/user/{userId}**

Method : DELETE

Headers Required : token

# **Account**

## **Service :** Get all Accounts

End Point : [**http://10.168.111.19:9090/devops/accounts**](http://10.168.111.19:9090/devops/accounts)

Method : GET

Headers Required : token

## **Service :** Get an Account

End Point : [**http://10.168.111.19:9090/devops/account/{account\_id}**](http://10.168.111.19:9090/devops/account/%7baccount_id%7d)

Method : GET

Headers Required : token

## **Service :** Creating an Account

End Point : [**http://10.168.111.19:9090/devops/user/{userId}/account**](http://10.168.111.19:9090/devops/user/%7buserId%7d/account)

Method : POST

Headers Required : token, Content-Type

Pay Load :

{

    "name": "EUIPOl",

    "customerlocation": "USA",

    "deliverymanager": "GOPI",

    "deliverylocation": "CHENNAI",

    "teamsize": 50,

    "contracttype": "PERMANENT",

    "technology": "JAVA",

    "startDate": "2017-01-20T19:30:00",

    "l1L2ServiceSupport": "Yes",

    "devL3ServiceSupport": "NO",

    "projectMgmtMethod": "Waterfalll",

    "appArchitecture": "Monolithic",

    "cloudApplication": "Yes",

    "sepDevOPTeams": "Yes",

    "smallFrequentorProjectChanges": "Ops changes only",

    "complianceregulatoryRestrictions": "Yes",

    "e2eSDLCProjectEnhancements": "E2E",

    "internalCustomerBoth": "Both"

}

## **Service :** Updating an Account

End Point : [**http://10.168.111.19:9090/devops/account**](http://10.168.111.19:9090/devops/account)

Method : PUT

Headers Required : token, Content-Type

Pay Load :

{

"id":1,

    "name": "EUIPOl",

    "customerlocation": "USA",

    "deliverymanager": "GOPI",

    "deliverylocation": "CHENNAI",

    "teamsize": 50,

    "contracttype": "PERMANENT",

    "technology": "JAVA",

    "startDate": "2017-01-20T19:30:00",

    "l1L2ServiceSupport": "Yes",

    "devL3ServiceSupport": "NO",

    "projectMgmtMethod": "Waterfalll",

    "appArchitecture": "Monolithic",

    "cloudApplication": "Yes",

    "sepDevOPTeams": "Yes",

    "smallFrequentorProjectChanges": "Ops changes only",

    "complianceregulatoryRestrictions": "Yes",

    "e2eSDLCProjectEnhancements": "E2E",

    "internalCustomerBoth": "Both"

}

## **Service :** Deleting an Account

End Point : [**http://10.168.111.19:9090/devops/accounts/{account\_id}**](http://10.168.111.19:9090/devops/accounts/%7baccount_id%7d)

Method : DELETE

Headers Required : token

## **Service :** Get an Account By User

End Point : [**http://10.168.111.19:9090/devops/user/{userId}/account**](http://10.168.111.19:9090/devops/user/%7buserId%7d/account)

Method : GET

Headers Required : token

# **Category**

## **Service :** Get All Categories

End Point : [**http://10.168.111.19:9090/devops/getAllCategories**](http://10.168.111.19:9090/devops/getAllCategories)

Method : GET

Headers Required : token

Description : It is the one shot call to load entire data at single call. It returns Category, Questions and its corresponding Rating details.

## **Service :** Get Category By Category ID

End Point : [**http://10.168.111.19:9090/devops/category/{categoryId}**](http://10.168.111.19:9090/devops/category/%7bcategoryId%7d)

Method : GET

Headers Required : token

Description : It is the one shot call to retrieve all details about the particular Category. It returns Category, Questions and its corresponding Rating details.

## **Service :** Create a Category

End Point : [**http://10.168.111.19:9090/devops/category**](http://10.168.111.19:9090/devops/category)

Method : POST

Headers Required : token, Content-Type

Pay Load :

{

"categoryName": "NewCULTURE"

}

Output :

{

"cId": 1104,

"categoryName": "NewCULTURE",

"questions": []

}

## **Service :** Update a Category

End Point : [**http://10.168.111.19:9090/devops/category**](http://10.168.111.19:9090/devops/category)

Method : PUT

Headers Required : token, Content-Type

Pay Load :

{

"cId": 1104,

"categoryName": "oldCULTURE"

}

Output :

{

"cId": 1104,

"categoryName": "oldCULTURE",

"questions": []

}

# **Question**

## **Service :** Get All Questions

End Point : [**http://10.168.111.19:9090/devops/getAllQuestions**](http://10.168.111.19:9090/devops/getAllQuestions)

Method : GET

Headers Required : token

## **Service :** Create a Question

End Point : [**http://10.168.111.19:9090/devops/{categoryId}/question**](http://10.168.111.19:9090/devops/%7bcategoryId%7d/question)

Method : POST

Headers Required : token, Content-Type

Pay Load :

{

"questionlabel": "Is there a consensus on strategy on how to implement DevOps?",

"questionDesc": "2-Is there a consensus on strategy on how to implement DevOps?."

}

Output :

{

"qId": 2206,

"questionlabel": "Is there a consensus on strategy on how to implement DevOps?",

"questionDesc": "2-Is there a consensus on strategy on how to implement DevOps?.",

"ratings": []

}

## **Service :** Update a Question

End Point : **http://10.168.111.19:9090/devops/question**

Method : PUT

Headers Required : token, Content-Type

Pay Load :

{

"qId": 2200,

"questionlabel": "Check Is DevOps Customer or Organisational or Team objective?",

"questionDesc": " Check DevOps is a cultural movement, driven by People,stomer, Organisation, team or organization, teams or all."

}

Output :

{

"qId": 2200,

"questionlabel": "Check Is DevOps Customer or Organisational or Team objective?",

"questionDesc": " Check DevOps is a cultural movement, driven by People,stomer, Organisation, team or organization, teams or all.",

"ratings": []

}

## **Service :** Delete a Question

End Point : [**http://10.168.111.19:9090/devops/question/{questionId}**](http://10.168.111.19:9090/devops/question/%7bquestionId%7d)

Method : DELETE

Headers Required : token

## **Service :** Get All Questions By Category ID

End Point : [**http://10.168.111.19:9090/devops/getQuestions**](http://10.168.111.19:9090/devops/getQuestions)**/{categoryId}**

Method : GET

Headers Required : token

## **Service :** Get All Questions By Question ID

End Point : **http://10.168.111.19:9090/devops/question/{questionId}**

Method : GET

Headers Required : token

# **Rating**

## **Service :** Get all Ratings

End Point : [**http://10.168.111.19:9090/devops/getAllRatings**](http://10.168.111.19:9090/devops/getAllRatings)

Method : GET

Headers Required : token

## **Service :** Get all Ratings by Question

End Point : **http://10.168.111.19:9090/devops/question/{questionId}/getRatings**

Method : GET

Headers Required : token

## **Service :** Get a Rating by Rating ID

End Point : **http://10.168.111.19:9090/devops/rating/{ratingId}**

Method : GET

Headers Required : token

## **Service :** Create Rating

End Point : **http://10.168.111.19:9090/devops/question/{questionId}/rating**

Method : POST

Headers Required : token, Content-Type

Pay Load :

{

"ratingValue": 1,

"ratingLabel": “Rating Label”,

"ratingDesc": "Resting DESC"

}

## **Service :** Update Rating

End Point : **http://10.168.111.19:9090/devops/rating**

Method : PUT

Headers Required : token, Content-Type

Pay Load :

{

“rId”:1

"ratingValue": 1,

"ratingLabel": “Rating Label”,

"ratingDesc": "Resting DESC"

}

## **Service :** Delete a Rating

End Point : **http://10.168.111.19:9090/devops/rating/{ratingId}**

Method : DELETE

Headers Required : token

# **Answers**

## **Service :** Get all Answers

End Point : [**http://10.168.111.19:9090/devops/getAllAnswers**](http://10.168.111.19:9090/devops/getAllAnswers)

Method : GET

Headers Required : token

## **Service :** Get all Answers by User

End Point : **http://10.168.111.19:9090/devops/getAnswers/user/{userId}**

Method : GET

Headers Required : token

## **Service :** Get all Answers categorized by User

End Point : <http://10.168.111.19:9090/devops/getCategorizedAnswers/user/5000>

Method : GET

Headers Required : token

## **Service :** Get an Answers by Answer ID

End Point : **http://10.168.111.19:9090/devops/answer/{answerId}**

Method : GET

Headers Required : token

## **Service :** Create Answer

End Point : **http://10.168.111.19:9090/devops/user/{userId}/answer**

Method : POST

Headers Required : token, Content-Type

Pay Load :

## **Service :** Update Answer

End Point : **http://10.168.111.19:9090/devops/answer**

Method : PUT

Headers Required : token, Content-Type

Pay Load :

{

"answerId": 4031,

"cId": 1103,

"qId": 2223,

"ratingValue": 5,

"targetRatingValue": 5,

"comment": "commentcvdfddddddddddddddtbttbtyttgtvtbvtbtbchytbytbtbtbvtbctgbctgbthbhtbtbchtbbthbhtbthbth",

"targetComment": "targetcommnet4rfg 5hyh6yujh6jh67j67j76j76j67jh6h6h6h6h6"

}

## **Service :** Delete an Answer

End Point : **http://10.168.111.19:9090/devops/answer/{answerId}**

Method : DELETE

Headers Required : token

# **File Upload/Download/Delete**

## **Service :** Get all Files

End Point : [**http://10.168.111.19:9090/devops/getAllFiles**](http://10.168.111.19:9090/devops/getAllFiles)

Method : GET

Headers Required : token

## **Service :** Get all Files by User

End Point : **http://10.168.111.19:9090/devops/user/{userId}/files**

Method : GET

Headers Required : token

## **Service :** Get all Files by Question

End Point : **http://10.168.111.19:9090/devops/question/{questionId}/files**

Method : GET

Headers Required : token

## **Service :** Upload File

End Point : **http://10.168.111.19:9090/devops/user/{userId}/question/{questionId}/uploadFile**

Method : POST

Headers Required : token

Form-data Pay Load :

Key :

file

Value:

{file content}

## **Service :** Download File

End Point : **http://10.168.111.19:9090/devops/downloadFile/{fileId}**

Method : GET

Headers Required : token

## **Service :** Delete a File

End Point : **http://10.168.111.19:9090/devops/file/{fileId}**

Method : DELETE

Headers Required : token

## **Service :** GET Report details JSON

End Point : **http://10.168.111.19:9090/devops/user/{userId}/userReportDetails**

Method : GET

Headers Required : token

## **Service :** Download User report PDF

End Point : **http://10.168.111.19:9090/devops/user/{userId}/userReportFile**

Method : GET

Headers Required : token

# **Account Label**

## **Service :** Get all Account Label

End Point : [**http://10.168.111.19:9090/devops/getAllAccountLabel**](http://10.168.111.19:9090/devops/getAllAccountLabel)

Method : GET

Headers Required : token

## **Service :** Create Account Label

End Point : <http://10.168.111.19:9090/devops/accountLabel>

Method : POST

Headers Required : token, Content-Type

Pay Load :

{

"acccolname": "projectMgmtMethod",

"accountlabel": "Which project Management methodlogy do you use?",

"qtype": "Option",

"dropdown": ["Agile","Waterfall","Other"

]

}

## **Service :** Get AccountLabelById

End Point : **http://10.168.111.19:9090/devops/AccountLabel/{id}**

Method : GET

Headers Required : token

## **Service :** Update AccountLabel

End Point : <http://10.168.111.19:9090/devops/accountLabel>

Method : PUT

Headers Required : token, Content-Type

Pay Load :

{

"id": 1,

"acccolname": "deliverymanager",

"accountlabel": "BARATHKUMAR D India permanent permanent permanent",

"qtype": "Text",

"dropdown": [

"checked"

]

}

## **Service :** Delete AccountLabel

End Point : **http://10.168.111.19:9090/devops/accountLabel/{Id}**

Method : DELETE

Headers Required : token