Backend API:

# Climate Service

GET /climateService/getClimateService/:name/json @controllers.ClimateServiceController.getClimateService(name: String, format: String="json")

GET /climateService/getClimateService/id/:id @controllers.ClimateServiceController.getClimateServiceById(id: Long)

GET /climateService/getAllClimateServices/json @controllers.ClimateServiceController.getAllClimateServices(format: String="json")

GET /climateService/getAllMostRecentClimateServicesByCreateTime/json @controllers.ClimateServiceController.getAllClimateServicesOrderByCreateTime(format: String="json")

GET /climateService/getAllMostRecentClimateServicesByLatestAccessTime/json @controllers.ClimateServiceController.getAllClimateServicesOrderByLatestAccessTime(format: String="json")

GET /climateService/getAllMostUsedClimateServices/json @controllers.ClimateServiceController.getAllClimateServicesOrderByCount(format: String="json")

POST /climateService/addClimateService @controllers.ClimateServiceController.addClimateService

GET /climateService/getAllServiceEntries/json @controllers.ClimateServiceController.getAllServiceEntries(format: String="json")

POST /climateService/addServiceEntry @controllers.ClimateServiceController.addServiceEntry

PUT /climateService/updateClimateService/id/:id @controllers.ClimateServiceController.updateClimateServiceById(id: Long)

PUT /climateService/updateClimateService/name/:oldName @controllers.ClimateServiceController.updateClimateServiceByName(oldName: String)

DELETE /climateService/deleteClimateService/id/:id @controllers.ClimateServiceController.deleteClimateServiceById(id: Long)

DELETE /climateService/deleteClimateService/name/:name @controllers.ClimateServiceController.deleteClimateServiceByName(name: String)

GET /climateService/getTop3GradesServices/json @controllers.ClimateServiceController.getTop3GradesServices(format: String="json")

GET /climateService/getTop3MostRecentlyUsedServices/json @controllers.ClimateServiceController.getTop3MostRecentlyUsedServices(format: String="json")

PUT /climateService/addFreq/ @controllers.ClimateServiceController.addFreq

GET /climateService/getTop3MostRecentServices/json @controllers.ClimateServiceController.getTop3MostRecentServices(format: String="json")

PUT /climateService/setTime/ @controllers.ClimateServiceController.setTime

# Instrument

GET /instrument/getAllInstruments/json @controllers.InstrumentController.getAllInstruments(format: String="json")

GET /instrument/getInstrument/id/:id/json @controllers.InstrumentController.getInstrument(id: Long, format: String="json")

POST /instrument/addInstrument @controllers.InstrumentController.addInstrument

PUT /instrument/updateInstrument/id/:id @controllers.InstrumentController.updateInstrumentById(id: Long)

DELETE /instrument/deleteInstrument/id/:id @controllers.InstrumentController.deleteInstrument(id: Long)

# Dataset

GET /dataset/getAllDatasets/json @controllers.DatasetController.getAllDatasets(format: String="json")

GET /dataset/getDataset/id/:id/json @controllers.DatasetController.getDataset(id: Long, format: String="json")

POST /dataset/addDataset @controllers.DatasetController.addDataset

PUT /dataset/updateDataset/id/:id @controllers.DatasetController.updateDatasetById(id: Long)

DELETE /dataset/deleteDataset/id/:id @controllers.DatasetController.deleteDataset(id: Long)

POST /dataset/queryDataset @controllers.DatasetController.queryDatasets

# Parameter

GET /parameter/getAllParameters/json @controllers.ParameterController.getAllParameters(format: String="json")

GET /parameter/getParameter/service/:id/name/:name/json @controllers.ParameterController.getParameterByName(id:Long, name: String, format: String="json")

GET /parameter/getParameter/id/:id/json @controllers.ParameterController.getParameterById(id: Long, format: String="json")

POST /parameter/addParameter @controllers.ParameterController.addParameter

PUT /parameter/updateParameter/id/:id @controllers.ParameterController.updateParameterById(id: Long)

PUT /parameter/updateParameter/name/:oldName @controllers.ParameterController.updateParameterByName(oldName: String)

DELETE /parameter/deleteParameter/service/:id/name/:name @controllers.ParameterController.deleteParameterByName(id:Long, name: String)

# Users

GET /users/:id @controllers.UserController.getUser(id: Long, format: String="json")

POST /users/add @controllers.UserController.addUser

PUT /users/update/:id @controllers.UserController.updateUser(id: Long)

DELETE /users/delete/:id @controllers.UserController.deleteUser(id: Long)

GET /users/getAllUsers/json @controllers.UserController.getAllUsers(format: String="json")

POST /users/isUserValid @controllers.UserController.isUserValid

DELETE /users/delete/userName/:userName/password/:password @controllers.UserController.deleteUserByUserNameandPassword(userName: String, password: String)

POST /users/isUserEmailValid @controllers.UserController.isUserEmailValid

POST /users/addFriend @controllers.UserController.addFriend

POST /users/getFriends @controllers.UserController.getFriends

# Map static resources from the /public folder to the /assets URL path

GET /assets/\*file controllers.Assets.at(path="/public", file)

# Post

GET /posts/getAllPosts/json @controllers.PostController.getAllPosts(format: String="json")

POST /posts/add @controllers.PostController.createPost

POST /posts/getAllAtClimateServices/name @controllers.PostController.getAllAtClimateServices

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Frontend APIs:

GET /home controllers.ClimateServiceController.home(email ?= null, vfile ?= null, dataset ?= null)

GET / controllers.ClimateServiceController.home(email ?= null, vfile ?= null, dataset ?= null)

GET /createSuccess controllers.Application.createSuccess()

# BugReporting

GET /bugs controllers.BugReportController.reports()

GET /newReport controllers.BugReportController.newReport()

GET /bug/list controllers.BugReportController.list()

POST /delete/report controllers.BugReportController.deleteReport()

POST /solve/report controllers.BugReportController.solveReport()

# About Us

GET /aboutus controllers.AboutusController.aboutUs(email ?= null)

GET /aboutProject controllers.AboutusController.aboutProject(email ?= null)

# Climate Model

GET /climate controllers.ClimateServiceController.home(email ?= null, vfile ?= null, dataset ?= null)

GET /climate/tutorial controllers.ClimateServiceController.tutorial()

GET /climate/climateServices controllers.ClimateServiceController.climateServices(email ?= null)

GET /climate/mostRecentlyAddedClimateServices controllers.ClimateServiceController.mostRecentlyAddedClimateServices(email ?= null)

GET /climate/mostRecentlyUsedClimateServices controllers.ClimateServiceController.mostRecentlyUsedClimateServices(email ?= null)

GET /climate/mostPopularClimateServices controllers.ClimateServiceController.mostPopularClimateServices(email ?= null)

GET /climate/top3 controllers.ClimateServiceController.top3(email ?= null)

POST /climate/new/climateServices controllers.ClimateServiceController.newClimateService()

POST /climate/delete/climateServices controllers.ClimateServiceController.deleteClimateService()

POST /climate/download/climateServices controllers.ClimateServiceController.downloadClimateService()

POST /climate/edit/climateServices controllers.ClimateServiceController.editClimateService()

GET /climate/new/climateServices controllers.ClimateServiceController.addClimateServices()

GET /climate/oneService controllers.ClimateServiceController.oneService(url ?= null,email ?= null,id ?= null)

#Keyword search

GET /climate/datasets controllers.DatasetController.datasetList(email ?= null)

GET /climate/searchDataSet controllers.DatasetController.searchDataset(email ?= null)

GET /climate/getSearchResult controllers.DatasetController.getSearchResult(email ?= null)

#Map static resources from the /public folder to the /assets URL path

GET /assets/\*file controllers.Assets.at(path="/public", file)

GET /climate/searchService controllers.ClimateServiceController.searchService(email: String ?= "")

GET /climate/getSearchServiceResult controllers.ClimateServiceController.getSearchServiceResult(email: String ?= "")

#Sign Up Page

GET /climate/sign controllers.Application.sign()

POST /climate/authenticate controllers.Application.authenticate()

GET /climate/log controllers.Application.login()

GET /cimate/findFriend controllers.Application.findFriend(email: String ?= "")

GET /cimate/findFriendResult controllers.Application.getFindFriendResult(email: String ?= "")