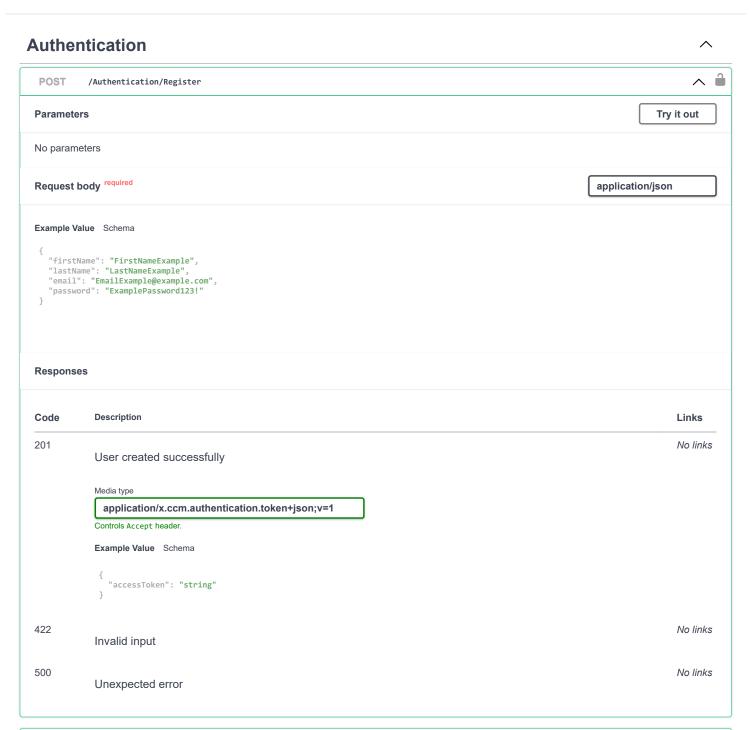


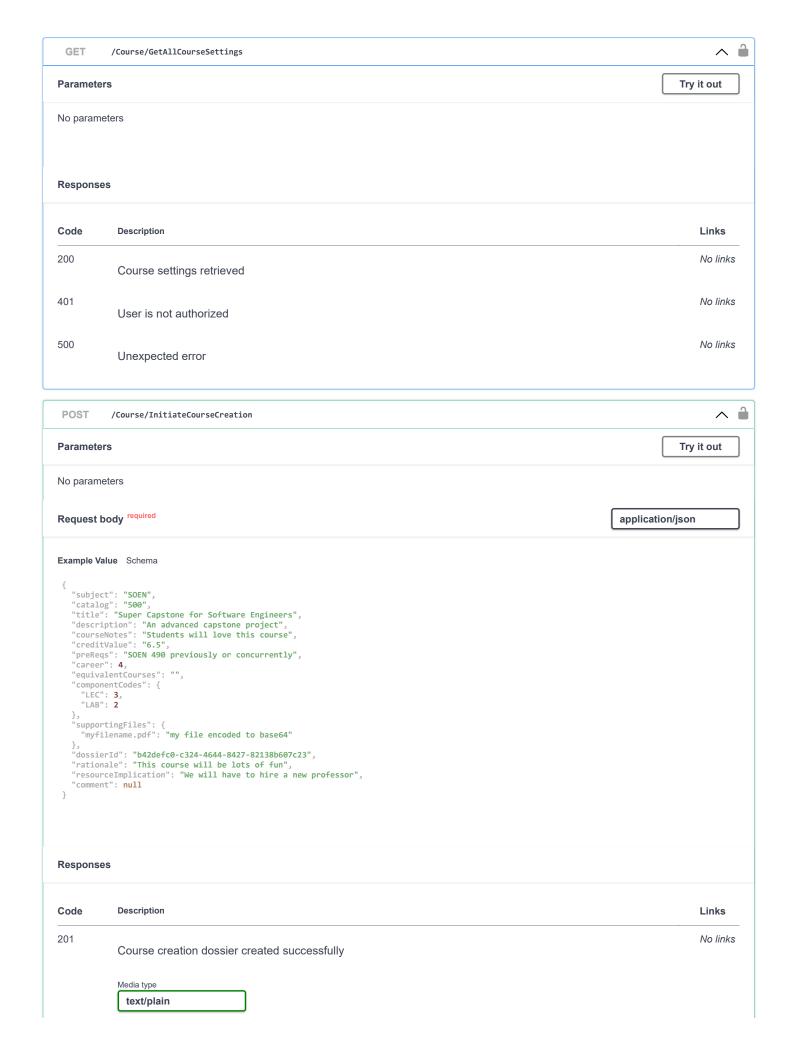
ConcordiaCurriculumManager 1.0 OAS3

https://localhost:44353/swagger/v1/swagger.json

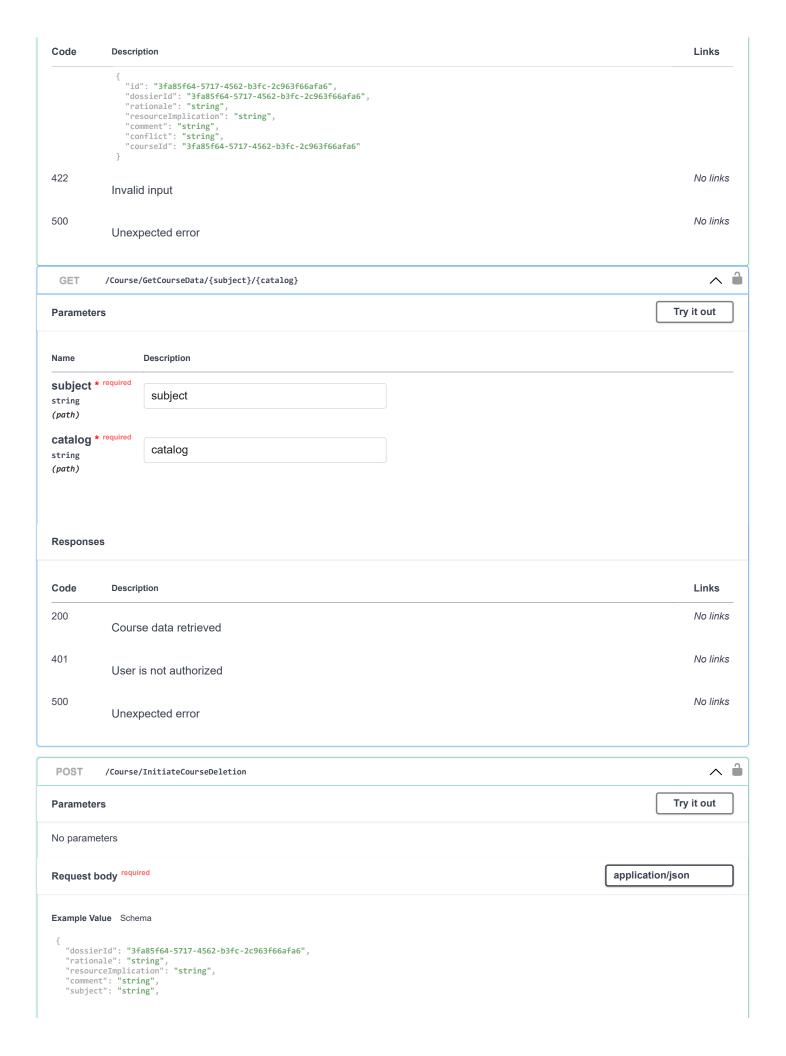
Authorize



Parameters Try it out No parameters Request body required application/json Example Value Schema "email": "EmailExample@example.com",
"password": "ExamplePassword123!" Responses Description Links Code 200 No links User logged in successfully Media type application/x.ccm.authentication.token+json;v=1 Controls Accept header. Example Value Schema {
 "accessToken": "string" 422 No links Invalid input 500 No links Unexpected error **POST** /Authentication/Logout Try it out **Parameters** No parameters Responses Code Description Links 200 No links User logged out successfully No links 401 User is not authorized



```
Code
                                                                                                                                                                                                                                                               Links
                        Description
                        Controls Accept header.
                        Example Value Schema
                         "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
                            "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"dossierId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"rationale": "string",
"resourceImplication": "string",
"comment": "string",
"conflict": "string",
"newCourseId": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
422
                                                                                                                                                                                                                                                               No links
                        Invalid input
                                                                                                                                                                                                                                                               No links
500
                        Unexpected error
                                                                                                                                                                                                                                                                       POST
                     /Course/InitiateCourseModification
                                                                                                                                                                                                                                                       Try it out
Parameters
No parameters
Request body required
                                                                                                                                                                                                                                application/json
Example Value Schema
    "dossierId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"rationale": "string",
"resourceImplication": "string",
"comment": "string",
"description": "string",
"courseNotes": "string",
"creditValue": "string",
"preReqs": "string",
"career": 0,
"gauiyalenfourses": "string"
      "equivalentCourses": "string",
     "componentCodes": {
   "additionalProp1": 0,
   "additionalProp2": 0,
   "additionalProp3": 0
    },
"supportingFiles": {
   "additionalProp1": "string",
   "additionalProp2": "string",
   "additionalProp3": "string"
     },
"subject": "string",
"catalog": "string",
"courseId": 0
Responses
Code
                        Description
                                                                                                                                                                                                                                                               Links
                                                                                                                                                                                                                                                               No links
201
                        Course modification created successfully
                        Media type
                           text/plain
                        Controls Accept header.
                        Example Value Schema
```

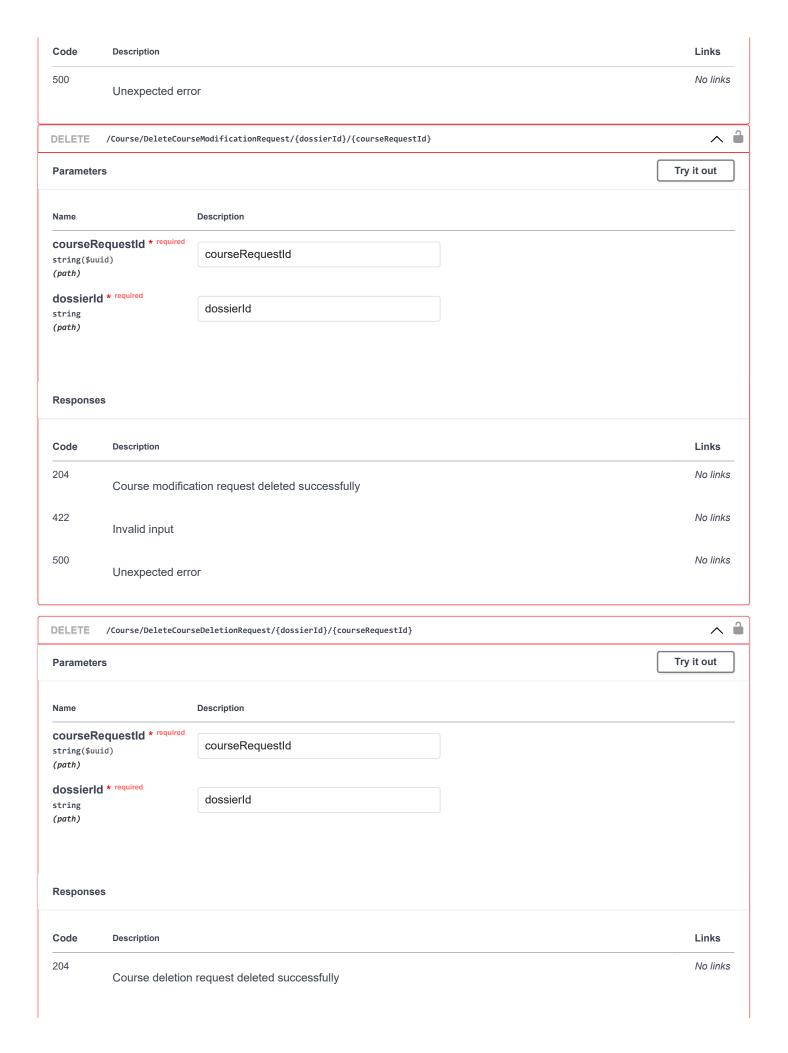


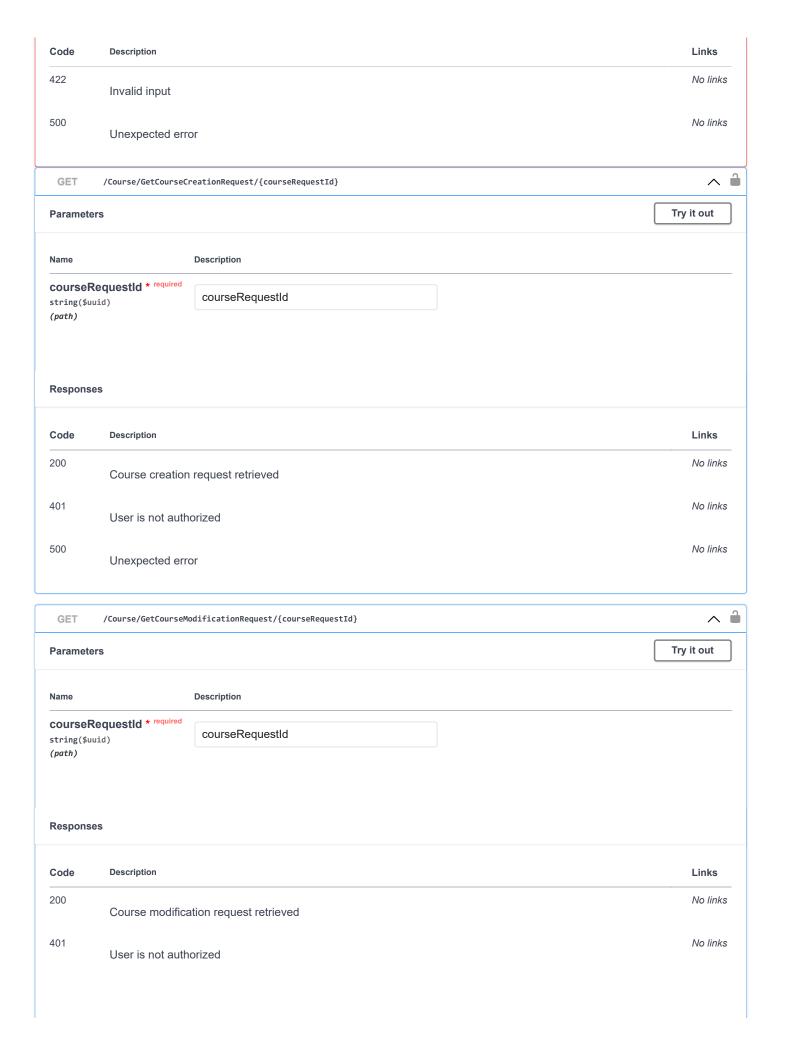
```
"catalog": "string"
Responses
Code
                       Description
                                                                                                                                                                                                                                                            Links
                                                                                                                                                                                                                                                            No links
201
                       Course deletion created successfully
                        Media type
                          text/plain
                        Controls Accept header.
                        Example Value Schema
                             "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
                            "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"dossierId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"rationale": "string",
"resourceImplication": "string",
"comment": "string",
"conflict": "string",
"courseId": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
422
                                                                                                                                                                                                                                                            No links
                       Invalid input
                                                                                                                                                                                                                                                            No links
500
                       Unexpected error
                                                                                                                                                                                                                                                                  ∧ 🔒
   PUT
                     /Course/EditCourseCreationRequest/{dossierId}
                                                                                                                                                                                                                                                    Try it out
Parameters
                                        Description
Name
dossierId * required
                                           dossierId
string
(path)
Request body required
                                                                                                                                                                                                                            application/json
Example Value Schema
    "dossierId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"rationale": "string",
"resourceImplication": "string",
"comment": "string",
"description": "string",
"courseNotes": "string",
"creditValue": "string",
"preReqs": "string",
"areer": 0,
"equivalentCourses": "string".
      "equivalentCourses": "string",
     "componentCodes": {
   "additionalProp1": 0,
   "additionalProp2": 0,
   "additionalProp3": 0
    },
"supportingFiles": {
  "additionalProp1": "string",
  "additionalProp2": "string",
  "additionalProp3": "string"
     },
"subject": "string",
"catalog": "string",
```

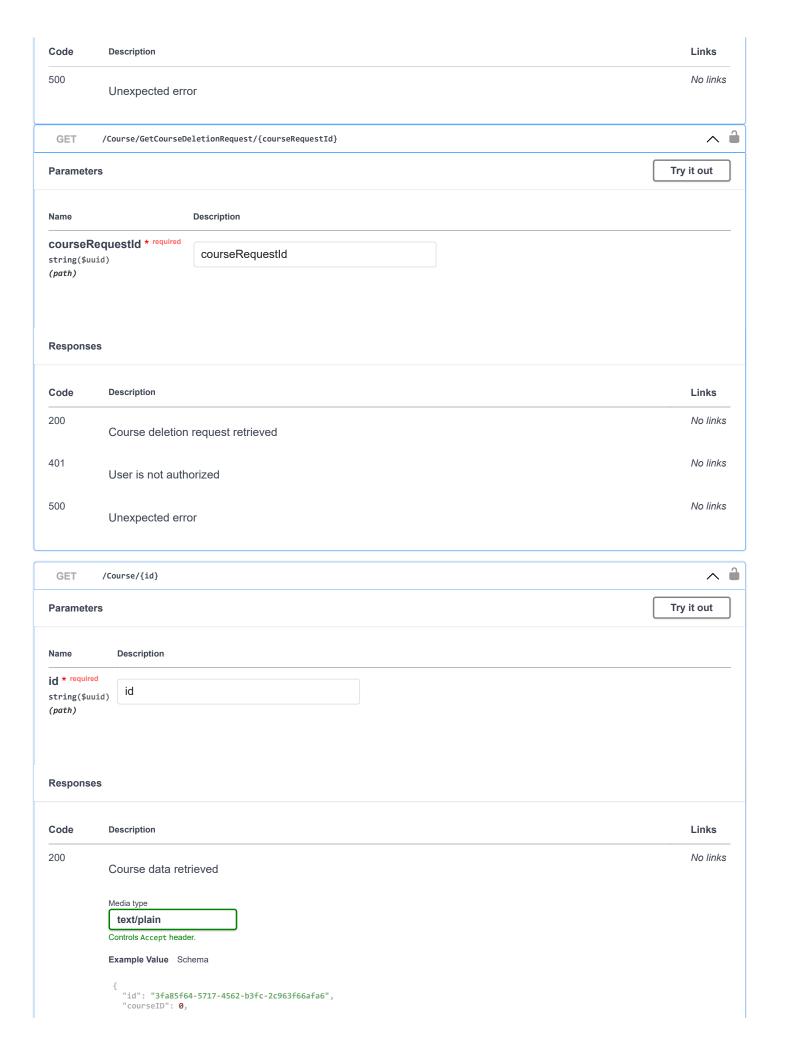
```
"id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
Responses
Code
                      Description
                                                                                                                                                                                                                                               Links
200
                                                                                                                                                                                                                                               No links
                      Course creation request modified successfully
                       Media type
                         text/plain
                       Controls Accept header.
                      Example Value Schema
                          "dossierId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"rationale": "string",
"resourceImplication": "string",
"comment": "string",
"title": "string",
"description": "string",
"courseNotes": "string",
"creditValue": "string",
"prekeqs": "string",
"career": 0,
"equivalentCourses": "string",
                            "equivalentCourses": "string",
                            "componentCodes": {
  "additionalProp1": 0,
  "additionalProp2": 0,
                               "additionalProp3": 0
                          },
"supportingFiles": {
  "additionalProp1": "string",
  "additionalProp2": "string",
  "additionalProp3": "string"
                          },
"subject": "string",
"catalog": "string",
"id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
422
                                                                                                                                                                                                                                               No links
                      Invalid input
500
                                                                                                                                                                                                                                               No links
                      Unexpected error
                                                                                                                                                                                                                                                     ^ ■
   PUT
                    /Course/EditCourseModificationRequest/{dossierId}
Parameters
                                                                                                                                                                                                                                        Try it out
Name
                                      Description
dossierId * required
                                         dossierId
string
(path)
Request body required
                                                                                                                                                                                                                 application/json
Example Value Schema
    "dossierId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"rationale": "string",
"resourceImplication": "string",
"comment": "string",
"title": "string",
"description": "string",
"courseNotes": "string",
```

```
"creditValue": "string",
"preReqs": "string",
"career": 0,
     "equivalentCourses": "string",
     "componentCodes": {
    "additionalProp1": 0,
       "additionalProp2": 0,
        "additionalProp3": 0
   },
"supportingFiles": {
  "additionalProp1": "string",
  "additionalProp2": "string",
  "additionalProp3": "string"
     "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
Responses
Code
                    Description
                                                                                                                                                                                                                     Links
                                                                                                                                                                                                                     No links
200
                    Course modfication request edited successfully
                    Media type
                      text/plain
                    Controls Accept header.
                    Example Value Schema
                       "dossierId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"rationale": "string",
"resourceImplication": "string",
"comment": "string",
"description": "string",
"courseNotes": "string",
"creditValue": "string",
"preReqs": "string",
"career": 0,
"equivalentCourses": "string",
"componentCodes": {
                         "componentCodes": {
                           "additionalProp1": 0,
"additionalProp2": 0,
                            "additionalProp3": 0
                         "supportingFiles": {
    "additionalProp1": "string",
    "additionalProp2": "string",
                            "additionalProp3": "string"
                        },
"id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
422
                                                                                                                                                                                                                     No links
                    Invalid input
500
                                                                                                                                                                                                                     No links
                    Unexpected error
                                                                                                                                                                                                                           ^ 🔒
  PUT
                  /Course/EditCourseDeletionRequest/{dossierId}
Parameters
                                                                                                                                                                                                               Try it out
Name
                                  Description
dossierId * required
                                     dossierId
string
(path)
Request body required
                                                                                                                                                                                           application/json
```

```
Example Value Schema
   "dossierId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"rationale": "string",
"resourceImplication": "string",
"comment": "string",
"id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
Responses
Code
                Description
                                                                                                                                                                         Links
200
                                                                                                                                                                         No links
                Course deletion request edited successfully
                Media type
                  text/plain
                Controls Accept header.
                Example Value Schema
                   "dossierId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"rationale": "string",
"resourceImplication": "string",
"comment": "string",
                    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
422
                                                                                                                                                                         No links
                Invalid input
500
                                                                                                                                                                         No links
                Unexpected error
                                                                                                                                                                                   DELETE
              /Course/DeleteCourseCreationRequest/{dossierId}/{courseRequestId}
Parameters
                                                                                                                                                                    Try it out
Name
                                      Description
courseRequestId * required
                                        courseRequestId
string($uuid)
(path)
dossierId * required
                                        dossierld
string
(path)
Responses
Code
                Description
                                                                                                                                                                         Links
204
                                                                                                                                                                         No links
                Course creation request deleted successfully
422
                                                                                                                                                                         No links
                Invalid input
```







```
Code
                         Description
                                                                                                                                                                                                                                                                        Links
                              "subject": "string",
"catalog": "string",
"title": "string",
"description": "string",
"creditValue": "string",
"preReqs": "string",
"career": 0,
                              "equivalentCourses": "string",
"courseNotes": "string",
"courseState": 0,
                               "version": 0,
                               "componentCodes": {
   "additionalProp1": 0,
   "additionalProp2": 0,
                                  "additionalProp3": 0
                               "supportingFiles": {
  "additionalProp1": "string",
  "additionalProp2": "string",
  "additionalProp3": "string"
404
                                                                                                                                                                                                                                                                        No links
                         Course not found
                                                                                                                                                                                                                                                                        No links
500
                         Unexpected error
   GET
                      /Course/BySubject/{subjectCode}
                                                                                                                                                                                                                                                                Try it out
Parameters
                                                 Description
Name
subjectCode * required
                                                     subjectCode
string
(path)
Responses
Code
                         Description
                                                                                                                                                                                                                                                                        Links
200
                                                                                                                                                                                                                                                                        No links
                         Courses for the specified subject retrieved
                         Media type
                           text/plain
                         Controls Accept header.
                         Example Value Schema
                                  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
                                  "id": "3fa85f64-5717-456:
"courseID": 0,
"subject": "string",
"catalog": "string",
"title": "string",
"description": "string",
"creditValue": "string",
"preReqs": "string",
"career": 0,
"equivalentfourses": "st
                                  "equivalentCourses": "string",
                                  "courseNotes": "string",
"courseNotes": "string",
"courseState": 0,
"version": 0,
"componentCodes": {
   "additionalProp1": 0,
   "additionalProp2": 0,
"additionalProp2": 0,
                                      "additionalProp3": 0
```

```
Code Description

"supportingFiles": {
    "additionalProp1": "string",
    "additionalProp2": "string",
    "additionalProp3": "string"
}

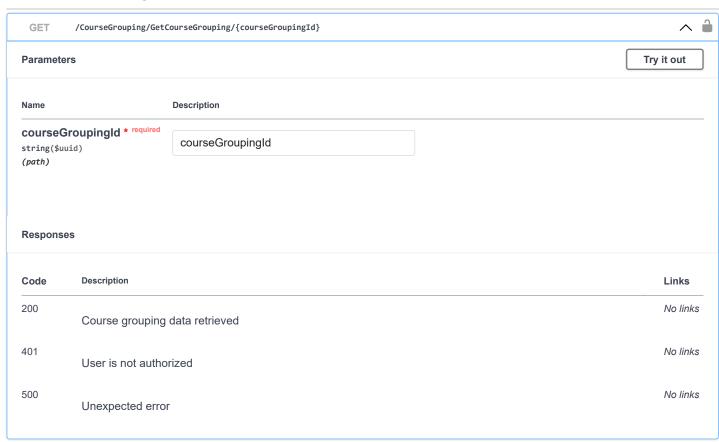
404

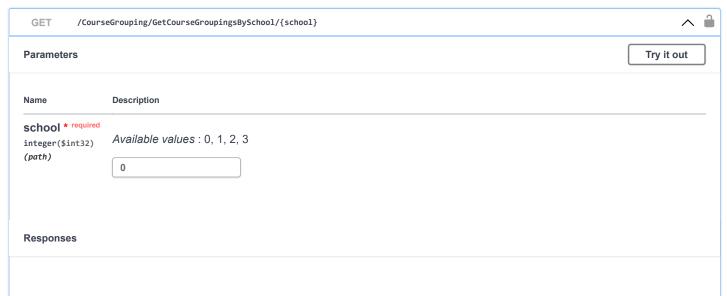
Subject not found

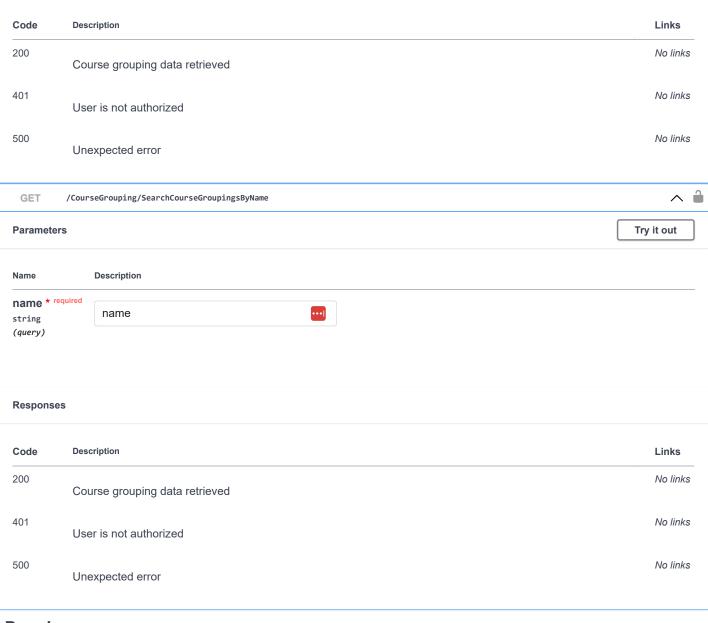
No links

Unexpected error
```

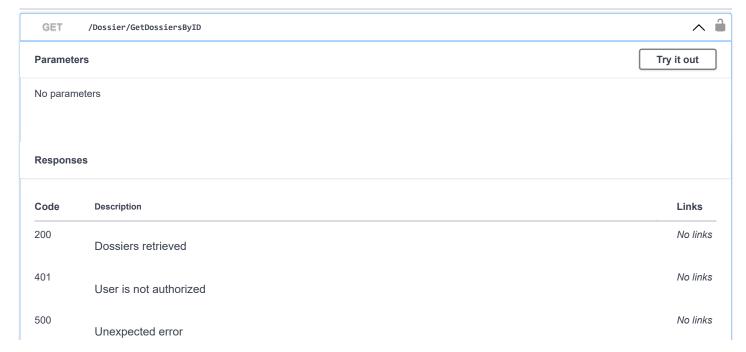
CourseGrouping

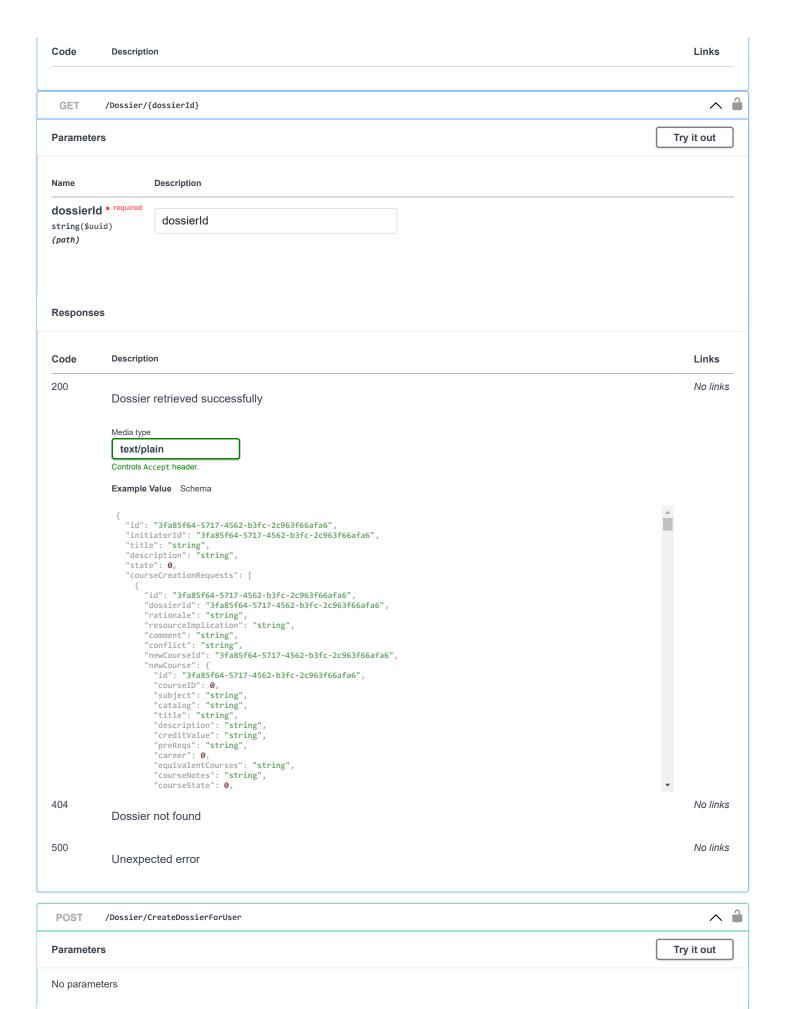




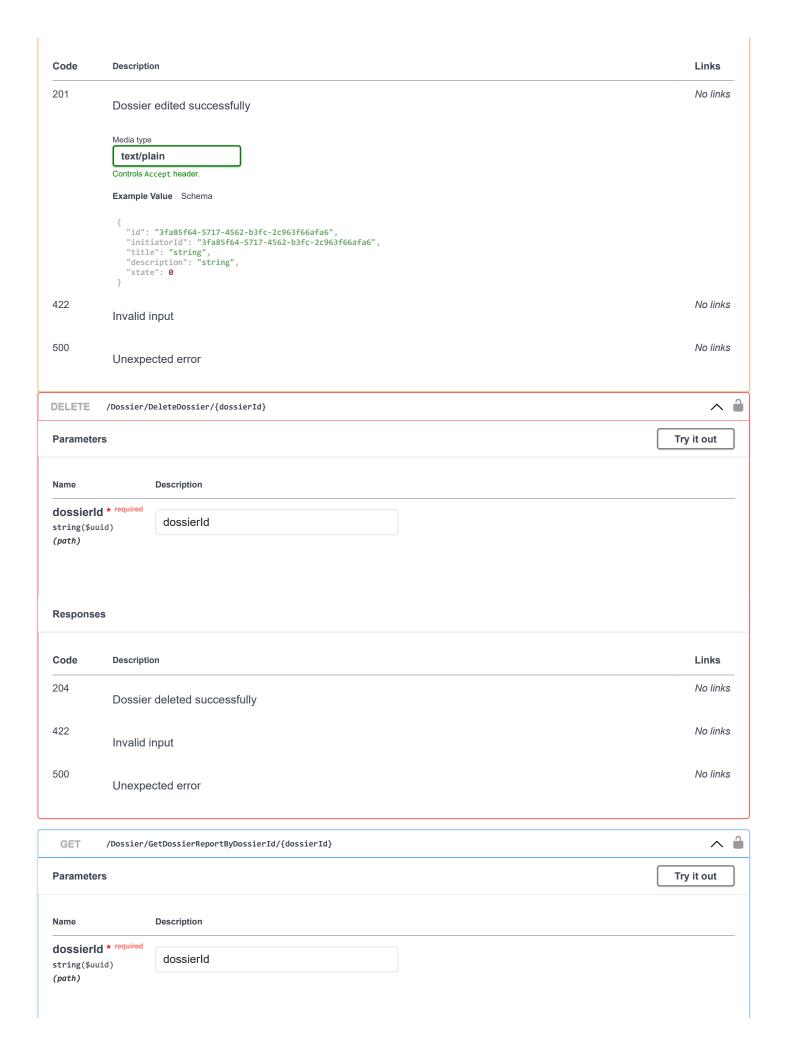


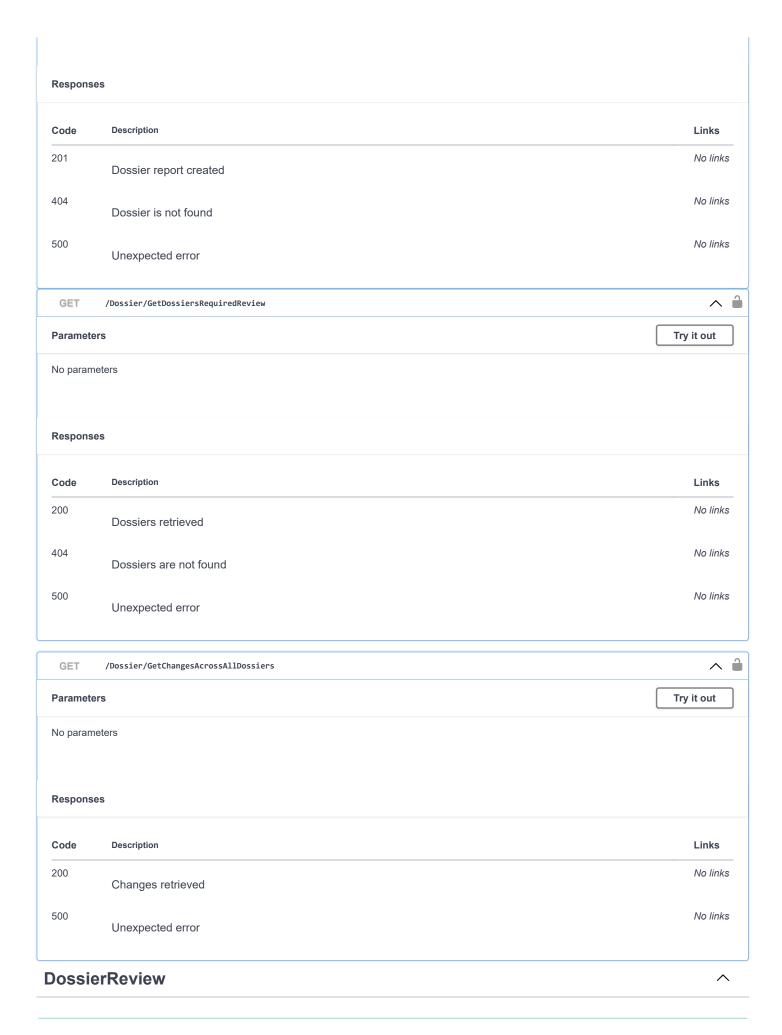


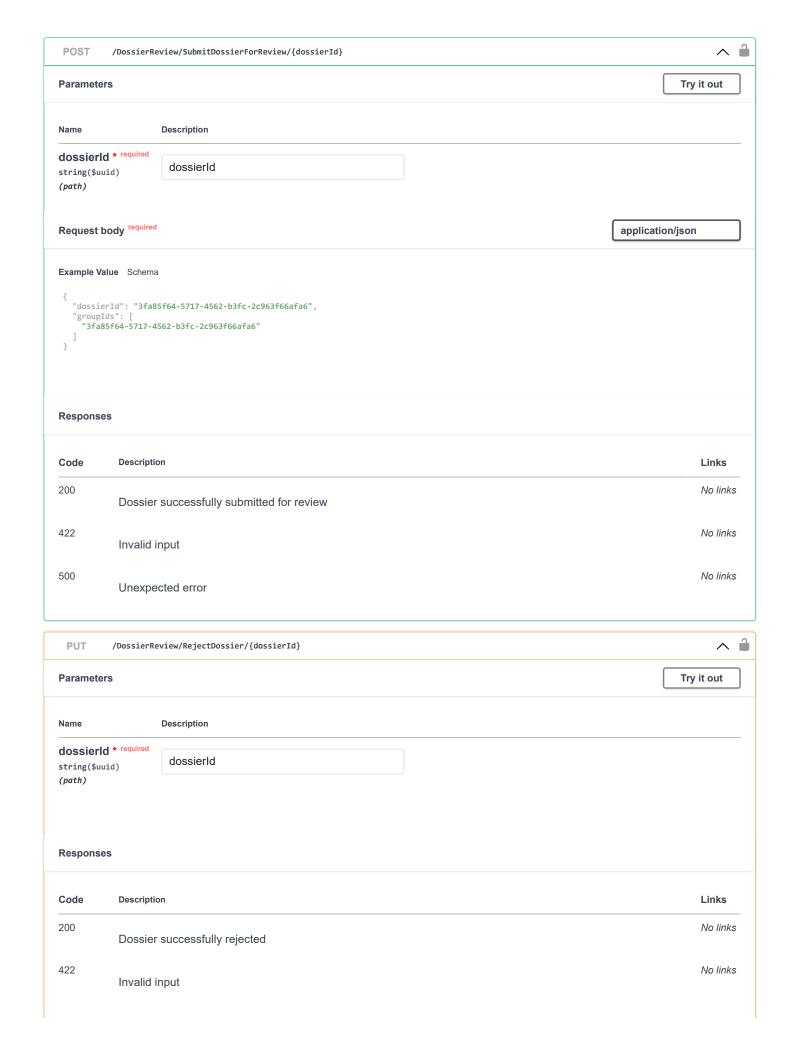


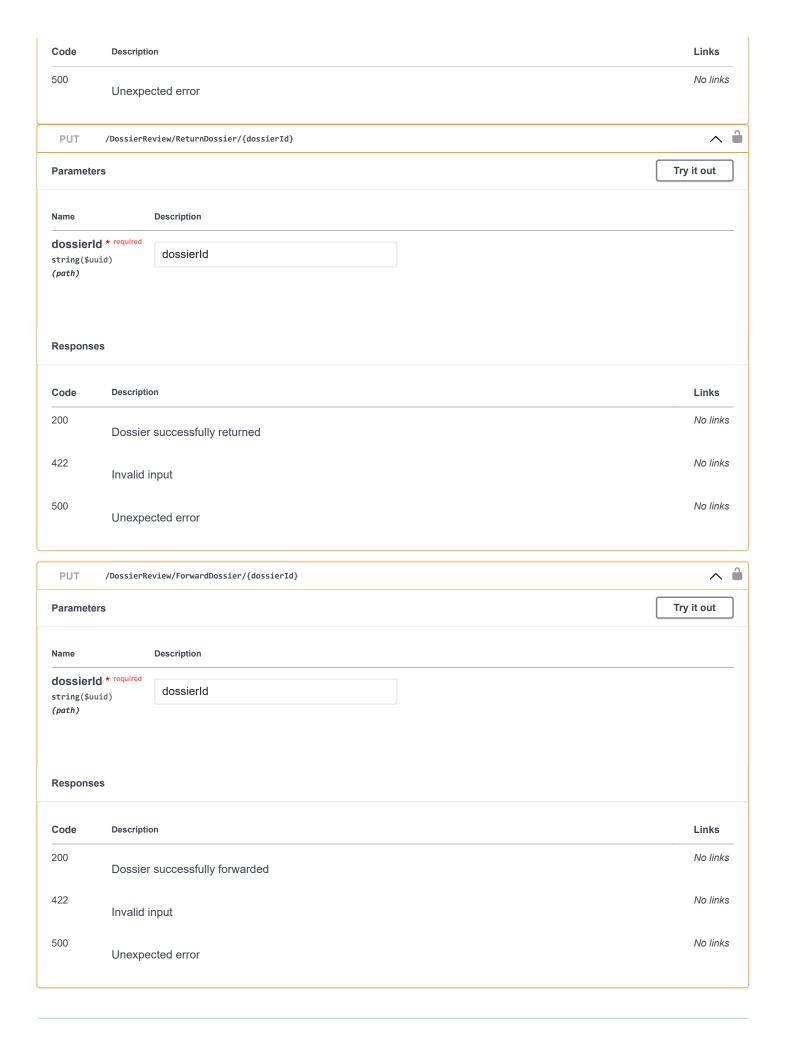


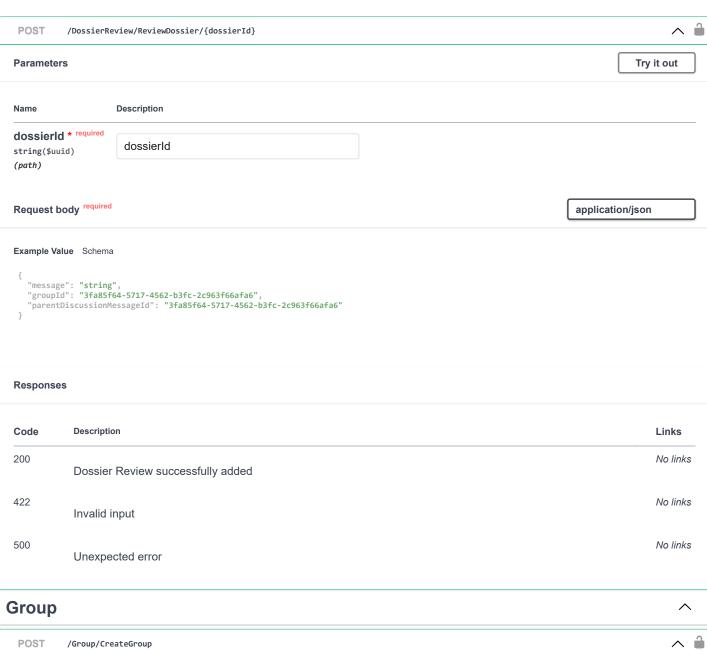
```
Request body required
                                                                                                                                                        application/json
Example Value Schema
   "title": "string",
"description": "string"
Responses
                                                                                                                                                                              Links
Code
                Description
201
                                                                                                                                                                              No links
                Dossier created successfully
                Media type
                  text/plain
                Controls Accept header.
                Example Value Schema
                 {
    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "initiatorId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "title": "string",
    "description": "string",
    "state": 0
422
                                                                                                                                                                              No links
                Invalid input
500
                                                                                                                                                                              No links
                Unexpected error
                                                                                                                                                                                  ^ 🔒
  PUT
              /Dossier/EditDossier/{dossierId}
                                                                                                                                                                         Try it out
Parameters
                            Description
Name
dossierId * required
                              dossierId
string($uuid)
(path)
Request body required
                                                                                                                                                        application/json
Example Value Schema
   "initiatorId": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "title": "string", "description": "string"
Responses
```

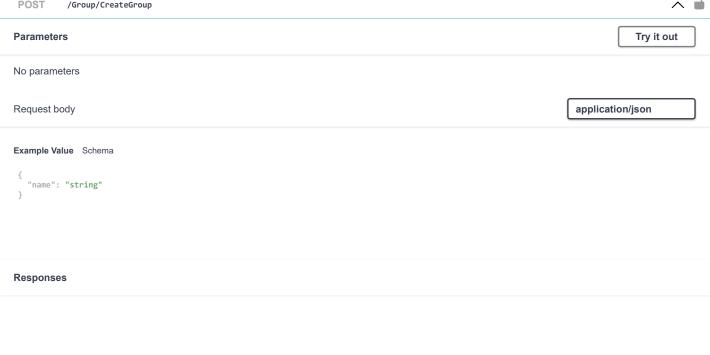


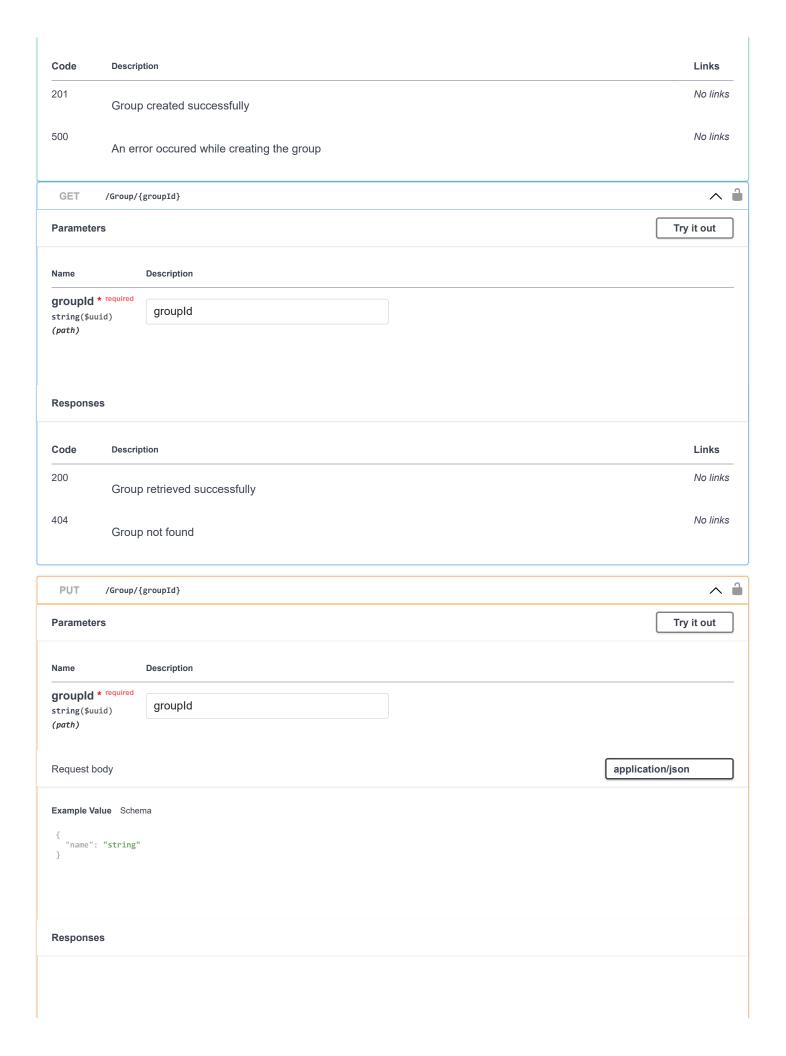


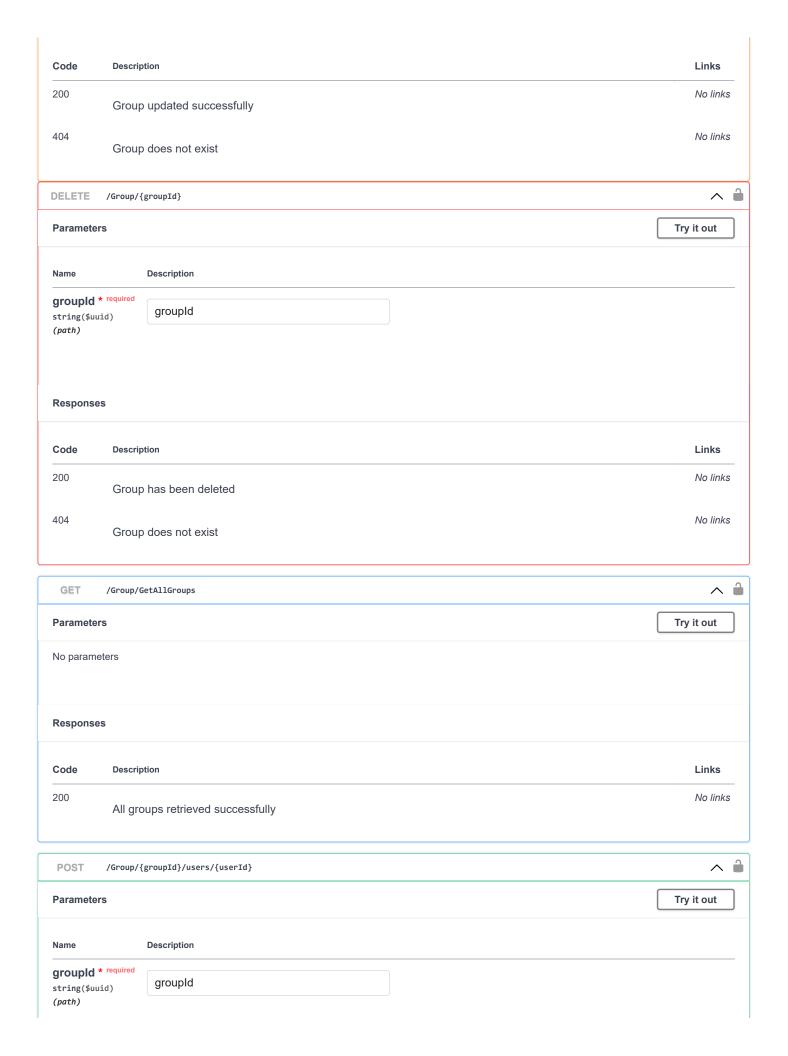


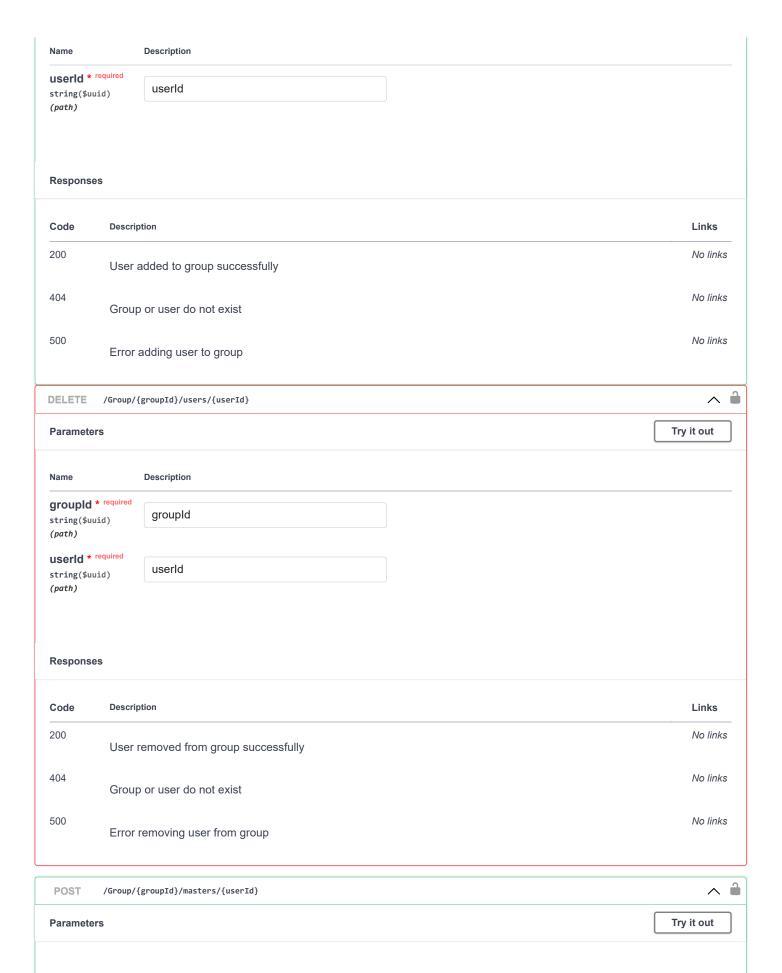


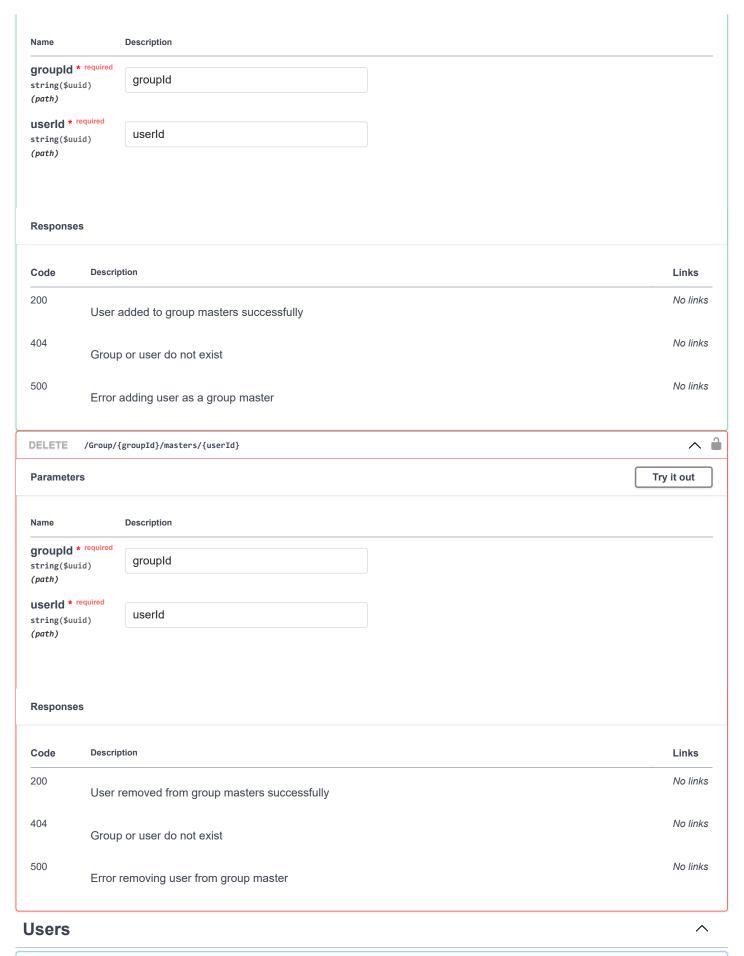


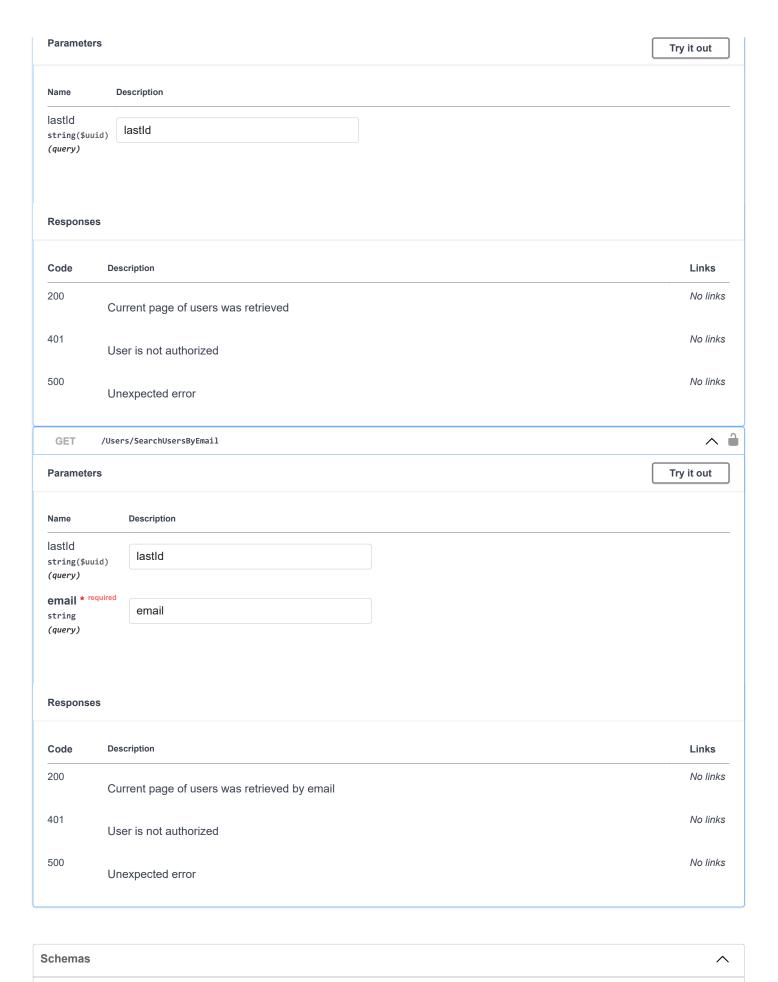












```
ApprovalStage
                           [...]
   createdDate
                           [...]
   modifiedDate
                           [...]
   groupId
                           [...]
   group
                        Group
                                  {...}
   dossierId
                           [...]
   dossier
                        Dossier
                                   {...}
   stageIndex
                           [...]
   isCurrentStage
                           [...]
   isFinalStage
                           [...]
}
ApprovalStageDTO
   groupId
                           [\dots]
   group
                        GroupDTO
                                      {...}
   stageIndex
                           [...]
   isCurrentStage
                           [...]
   isFinalStage
                           [...]
}
AuthenticationResponse
   accessToken
                           [...]
}
ComponentCodeEnum
                           integer($int32)
Enum:
   Array [ 19 ]
```

```
Course
   id
                               [...]
   {\tt createdDate}
                               [...]
   modifiedDate
                               [...]
   courseID
                               [...]
   subject
                               [...]
   catalog
                               [...]
   title
                               [...]
   description
                               [...]
   creditValue
                               [...]
   preReqs
                               [...]
   career
                            CourseCareerEnum
                                                    [...]
   equivalentCourses
                               [...]
   courseNotes
                               [...]
   courseState
                            CourseStateEnum
                                                   [...]
   version
                               [...]
   published
                               [...]
   courseCourseComponents
                               [...]
   supportingFiles
                               [...]
   courseCreationRequest
                            CourseCreationRequest
   {\tt course Modification Request} \\ \textbf{Course Modification Request}
                                                             {...}
   courseDeletionRequest
                            CourseDeletionRequest
   courseReferenced
                               [...]
   courseReferencing
                               [...]
}
CourseCareerEnum
                         integer($int32)
   Array [ 5 ]
CourseComponent
                             [...]
   createdDate
                             [...]
   modifiedDate
                             [...]
   componentCode
                         ComponentCodeEnum
                                                     [...]
   componentName
                             [...]
   courseCourseComponents
                             [...]
}
CourseComponent
   id
                             [...]
   createdDate
                             [...]
   {\tt modifiedDate}
                             [...]
   courseComponent
                         CourseComponent
                                                {...}
   componentCode
                         ComponentCodeEnum
                                                     [...]
   course
                         Course
                                    {...}
   courseId
                             [...]
   hoursPerWeek
                             [...]
```

```
{\bf Course Creation Initiation DTO}
    dossierId
    rationale
                              [...]
    resourceImplication
                              [...]
    comment
                              [...]
    title
                              [...]
   description
                              [...]
    courseNotes
                              [...]
    creditValue
                              [...]
    preReqs
                              [...]
    career
                          CourseCareerEnum
    {\tt equivalentCourses}
                              [...]
    componentCodes
                          {...}
nullable: true
    supportingFiles
                               {...}
                          nullable: true
    subject
                              [...]
    catalog
                              [...]
}
CourseCreationRequest
    id
                              [...]
   createdDate
                              [...]
    modifiedDate
                              [...]
    dossierId
                              [...]
    dossier
                          Dossier
                                       {...}
    rationale
    {\tt resourceImplication}
                              [...]
    comment
                              [...]
    conflict
                              [...]
    newCourseId
                              [\dots]
    newCourse
                          Course
                                      {...}
}
{\tt CourseCreationRequestCourseDetailsDTO}
   dossierId
                              [...]
    rationale
                              [...]
    {\tt resourceImplication}
                              [...]
    comment
                              [...]
   conflict
                              [...]
    newCourseId
                              [...]
    newCourse
                          CourseDataDTO
                                                 {...}
}
CourseCreationRequestDTO
   id
                              [...]
    dossierId
                              [\dots]
    rationale
                              [...]
    resourceImplication
                              [...]
    comment
                              [...]
    conflict
                              [...]
    newCourseId
                              [...]
}
```

```
CourseDataDTO
                              [...]
   courseID
                              [...]
   subject
                              [...]
   catalog
                              [...]
   title
                              [...]
   description
                              [...]
   creditValue
                              [...]
   preReqs
                              [...]
   career
                          CourseCareerEnum
                                                    [...]
   equivalentCourses
                              [...]
   courseNotes
                              [...]
   courseState
                          CourseStateEnum
                                                  [...]
   version
                              [...]
   componentCodes
                              {...}
                          nullable: true
   supportingFiles
                          {...}
nullable: true
}
CourseDeletionInitiationDTO
   dossierId
                              [...]
   rationale
                              [...]
   resourceImplication
                              [...]
   comment
                              [...]
   subject
                              [...]
   catalog
                              [...]
}
CourseDeletionRequest
                              [...]
   createdDate
                              [...]
   modifiedDate
                              [...]
   dossierId
                              [...]
   dossier
                          Dossier
                                       {...}
   rationale
                              [...]
   {\tt resourceImplication}
                              [...]
   comment
                              [...]
   conflict
                              [...]
   courseId
                              [...]
   course
                          Course
                                      {...}
}
Course Deletion Request Course Details DTO\\
                              [...]
   dossierId
                              [...]
   rationale
                              [...]
   {\tt resourceImplication}
                              [...]
   comment
                              [...]
   conflict
                              [...]
   courseId
                              [...]
   course
                          CourseDataDTO
                                                {...}
}
```

```
CourseDeletionRequestDTO
    dossierId
                              [...]
    rationale
                              [...]
    resourceImplication
                              [...]
    comment
                              [...]
    conflict
                              [...]
    courseId
                              [...]
}
CourseModificationInitiationDTO
   dossierId
    rationale
                              [...]
    {\tt resourceImplication}
                              [...]
    comment
                              [...]
    title
                              [...]
    description
                              [...]
    courseNotes
                              [...]
    creditValue
                              [...]
    preReqs
                              [...]
    career
                          CourseCareerEnum
    equivalentCourses
    componentCodes
                          {...}
nullable: true
    supportingFiles
                          {...}
nullable: true
    subject
                              [...]
    catalog
                              [...]
    courseId
                              [...]
}
CourseModificationRequest
    id
                              [...]
    createdDate
                              [...]
    modifiedDate
                              [...]
    dossierId
                              [...]
   dossier
                          Dossier
                                       {...}
    rationale
                              [...]
    {\tt resourceImplication}
                              [...]
    comment
                              [...]
    conflict
                              [...]
    courseId
                              [...]
    course
                          Course
                                      {...}
}
{\bf Course Modification Request Course Details DTO}
                              [...]
    dossierId
                              [...]
    rationale
                              [...]
    resourceImplication
                              [...]
    comment
                              [...]
    conflict
                              [...]
    courseId
                              [...]
    course
                          CourseDataDTO
                                                 {...}
}
```

```
{\bf Course Modification Request DTO}
   dossierId
                             [...]
   rationale
                             [...]
   resourceImplication
                             [...]
   comment
                             [...]
   conflict
                             [...]
   courseId
                             [...]
}
CourseReference
   id
                             [...]
   createdDate
                             [...]
   {\tt modifiedDate}
                             [...]
   courseReferencingId
                             [...]
   courseReferencing
                         Course
                                     {…}
   courseReferencedId
                             [...]
   courseReferenced
                         Course
                                     {...}
CourseStateEnum
                        integer($int32)
   Array [ 5 ]
CreateDossierDTO
   title
                             [...]
   description
                             [...]
}
CreateDossierDiscussionMessageDTO
   message
                               [...]
   groupId
                               [...]
   {\tt parentDiscussionMessageId}
                               [...]
}
DiscussionMessage
                               [...]
   createdDate
                               [...]
   modifiedDate
                               [...]
   dossierDiscussionId
                                [...]
   dossierDiscussion
                            DossierDiscussion
   message
                               [...]
   groupId
                               [...]
   group
                            Group
                                      {...}
   authorId
                                [...]
   author
                            User
                                   {...}
   {\tt parentDiscussionMessageId}
                               [...]
   parentDiscussionMessage
                                {...}
}
```

```
Dossier
                                [...]
   {\tt createdDate}
                                [...]
   modifiedDate
                                [...]
   initiator
                             User {...}
   initiatorId
                                [...]
   title
                                [...]
   description
                                [...]
                             DossierStateEnum
                                                   [...]
   courseCreationRequests
                                [...]
   courseModificationRequests
                                [...]
   courseDeletionRequests
                                [...]
   approvalStages
                                [...]
   discussion
                             DossierDiscussion
                                                     {...}
}
DossierDTO
                             [...]
   initiatorId
                             [...]
   title
                             [...]
   description
                             [...]
   state
                         DossierStateEnum
                                                 [...]
}
DossierDetailsDTO
                                [...]
   initiatorId
                                [...]
   title
                                [...]
   description
                                [...]
   state
                            DossierStateEnum
                                                   [...]
   {\tt courseCreationRequests}
                                [...]
   courseModificationRequests
                                [...]
   courseDeletionRequests
                                [...]
   approvalStages
                                [...]
   discussion
                             DossierDiscussionDTO
   createdDate
                                [...]
   modifiedDate
                                [...]
}
DossierDiscussion
   id
                             [...]
   createdDate
                             [...]
   modifiedDate
                             [...]
   dossierId
                             [...]
   dossier
                         Dossier
                                     {...}
   messages
                             [...]
}
DossierDiscussionDTO
   dossierId
                             [...]
   messages
                             [...]
}
```

```
DossierDiscussionMessageDTO {
                                [...]
   author
                            UserDTO
                                         {...}
   message
                                [...]
   groupId
                                [...]
   {\tt parentDiscussionMessageId}
                                [...]
   createdDate
                                [...]
   modifiedDate
                                [...]
}
DossierStateEnum
                        integer($int32)
Enum:
   Array [ 4 ]
DossierSubmissionDTO
   dossierId
                             [...]
   groupIds
                             [...]
}
EditCourseCreationRequestDTO
   dossierId
                             [...]
   rationale
                             [...]
   resourceImplication
                             [...]
                             [...]
   title
                             [...]
   description
                             [...]
   courseNotes
                             [...]
   creditValue
                             [...]
   preReqs
                             [...]
   career
                         CourseCareerEnum
   equivalentCourses
                             [...]
   componentCodes
                         {...}
nullable: true
   supportingFiles
                         {...}
nullable: true
   subject
                             [...]
   catalog
                             [...]
   id
                             [...]
}
EditCourseDeletionRequestDTO
   dossierId
                             [...]
   rationale
                             [...]
   {\tt resourceImplication}
                             [...]
   comment
                             [...]
                             [...]
}
```

```
{\bf Edit Course Modification Request DTO}
   dossierId
                              [...]
    rationale
                              [...]
   resourceImplication
                              [...]
    comment
                              [...]
    title
                              [...]
   description
                              [...]
    courseNotes
                              [...]
   creditValue
                              [...]
   preReqs
                              [...]
    career
                          CourseCareerEnum
    equivalentCourses
                              [...]
    componentCodes
                          {...}
nullable: true
    supportingFiles
                          {...}
nullable: true
    id
                              [...]
}
EditDossierDTO
    initiatorId
                              [...]
   title
                              [...]
   description
                              [...]
}
Group
   id
                              [...]
   createdDate
                              [...]
   {\tt modifiedDate}
                              [...]
   name
                              [...]
   members
                              [...]
   groupMasters
                              [\dots]
    approvalStages
                              [...]
}
GroupCreateDTO
   name*
                              [...]
}
GroupDTO
   id
                              [...]
   name
                              [...]
   members
                              [...]
   groupMasters
                              [...]
}
LoginDTO
    email
                              [...]
   password
                              [...]
}
```

```
RegisterDTO
   firstName
                             [...]
   lastName
                             [...]
   email
                             [...]
   password
                             [...]
}
Role
        {
   id
                             [...]
   createdDate
                             [...]
   modifiedDate
                             [...]
   userRole
                         RoleEnum
                                         [...]
   users
                             [...]
}
RoleEnum
              integer($int32)
Enum:
   Array [ 3 ]
SchoolEnum
                  integer($int32)
   Array [ 4 ]
SupportingFile
   id
                             [...]
   createdDate
                             [...]
   modifiedDate
                             [...]
   course
                         Course
                                     {...}
   courseId
                             [...]
   fileName
                             [...]
   contentBase64
                             [...]
}
User
         {
                             [...]
   createdDate
                             [...]
   modifiedDate
                             [...]
   firstName
                             [...]
   lastName
                             [...]
   email
                             [...]
   password
                             [...]
   roles
                             [...]
   groups
                             [...]
   masteredGroups
                             [...]
   dossiers
                             [...]
}
```