

E-dzienniczek API

Overview

API of project E-dzienniczek used for managing school staff and students data

Paths

GET /api/announcements

GET: Retrieving list of announcements ordered by date, where most recent one is first

POST: Creating new Announcement. Restricted for Teachers and Administrators

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

POST /api/announcements

GET: Retrieving list of announcements ordered by date, where most recent one is first

POST: Creating new Announcement. Restricted for Teachers and Administrators

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/announcements/latest

GET: Retrieving list of 3 most recent announcements.

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/classes

GET: Retrieving list of all classes

POST: Creating new class. Restricted for Teachers and Administrators

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

POST /api/classes

GET: Retrieving list of all classes

POST: Creating new class. Restricted for Teachers and Administrators

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET **/api/classes/{id}**

GET: Retrieving detailed class data

PUT: Updating class data. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PUT **/api/classes/{id}**

GET: Retrieving detailed class data

PUT: Updating class data. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses **application/json**

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PATCH /api/classes/{id}

GET: Retrieving detailed class data

PUT: Updating class data. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/classes/{id}/students

GET: Retrieving list of students in class

PUT: Updating class members. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/classes/{id}/subjects

GET: Retrieving list of subjects of class

PUT: Updating subjects of class. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

POST /api/grades

POST: Creating grade. Restricted for Teachers and Administrators

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PUT /api/grades/{id}

POST: Updating grade. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PATCH /api/grades/{id}

POST: Updating grade. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

POST /api/login

POST: Login to an account. Session key and logged user data will be returned

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/logout

Calls Django logout method and delete the Token object assigned to the current User object.

Accepts/Returns nothing.

Responses

Code	Description	Links
200	No response body	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

POST /api/logout

application/json

Calls Django logout method and delete the Token object assigned to the current User object.

Accepts/Returns nothing.

Responses

Code	Description	Links
200	No response body	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

POST /api/messages

POST: Sends new message
application/json

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PUT /api/messages/{id}/markAsRead

POST: Marks message as read. Restricted to user that was receiver of the message

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	No response body	No Links

Type	Name	Scopes
apiKey	tokenAuth	

Type	Name	Scopes
apiKey	cookieAuth	

PATCH /api/messages/{id}/markAsRead

POST: Marks message as read. Restricted to user that was receiver of the message

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	No response body	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/messages/received

GET: List of received messages of currently logged user

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/messages/sent

GET: List of sent messages of currently logged user

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/parents

GET: List of all registered parents. Restricted for Teachers and Administrators

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/parents/{id}

GET: Retrieving detailed data of parent. Restricted for Teachers and Administrators, specific parent and children of this parent

application/json

PUT: Updating detailed data of parent. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PUT /api/parents/{id}

GET: Retrieving detailed data of parent. Restricted for Teachers and Administrators, specific parent and children of this parent

PUT: Updating detailed data of parent. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses **application/json**

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PATCH /api/parents/{id}

GET: Retrieving detailed data of parent. Restricted for Teachers and Administrators, specific parent and children of this parent

PUT: Updating detailed data of parent. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses **application/json**

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/schema/

OpenApi3 schema for this API. Format can be selected via content negotiation.

- YAML: application/vnd.oai.openapi
- JSON: application/vnd.oai.openapi+json

Parameters

Type	Name	Description	Schema
query	format <i>optional</i>		enum (json,yaml)
query	lang <i>optional</i>		enum (af,ar,ar-dz,ast,az,be,bg,bn,br,bs,ca,cs,cy,da,de,dsb,el,en,en-au,en-gb,eo,es,es-ar,es-co,es-mx,es-ni,es-ve,et,eu,fa,fi,fr,fy,ga,gd,gl,he,hi,hr,hsb,hu,hy,ia,id,ig,io,is,it,ja,ka,kab,kk,km,kn,ko,ky,lb,lt,lv,mk,ml,mn,mr,my,nb,ne,nl,nn,os,pa,pl,pt,pt-br,ro,ru,sk,sl,sq,sr,sr-latn,sv,sw,ta,te,tg,th,tk,tr,tt,udm,uk,ur,uz,vi,zh-hans,zh-hant)

Responses

Code	Description	Links
200	<i>Content</i> application/vnd.oai.openapi application/yaml application/vnd.oai.openapi+json application/json	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/students

GET: List of all the students in school. Restricted for Teachers and Administrators

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/students/{id}

GET: Retrieving student detailed data. Restricted for Teachers and Administrators, specific student or his parent
 PUT: Updating student detailed data. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PUT /api/students/{id}

GET: Retrieving student detailed data. Restricted for Teachers and Administrators, specific student or his parent PUT: Updating student detailed data. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer
application/json			

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PATCH /api/students/{id}

GET: Retrieving student detailed data. Restricted for Teachers and Administrators, specific student or his parent PUT: Updating student detailed data. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/subjects

GET: Retrieving list of all subjects

POST: Creating new subject. Restricted for Teachers and Administrators

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

POST /api/subjects

GET: Retrieving list of all subjects

POST: Creating new subject. Restricted for Teachers and Administrators

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/subjects/{id}

GET: Retrieving detailed data of subject

PUT: Updating subject. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PUT /api/subjects/{id}

GET: Retrieving detailed data of subject

PUT: Updating subject. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	

Type	Name	Scopes
apiKey	cookieAuth	

PATCH /api/subjects/{id}

GET: Retrieving detailed data of subject

PUT: Updating subject. Restricted for Teachers and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/teachers

GET: List of all teachers in school

Responses

Code	Description	Links
200	Content	No Links

application/json

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/teachers/{id}

GET: Retrieving detailed data of teacher

PUT: Updating detailed data of teacher, Restricted for exact teacher and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

PUT /api/teachers/{id}

GET: Retrieving detailed data of teacher

PUT: Updating detailed data of teacher, Restricted for exact teacher and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	

Type	Name	Scopes
apiKey	cookieAuth	

PATCH /api/teachers/{id}

GET: Retrieving detailed data of teacher

PUT: Updating detailed data of teacher, Restricted for exact teacher and Administrators

Parameters

Type	Name	Description	Schema
path	id <i>required</i>		integer

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

GET /api/users

GET: List of users

Parents and Students will see only teachers data.

Teachers and Administrators will see all users in the system.

application/json

Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	tokenAuth	

Type	Name	Scopes
apiKey	cookieAuth	

POST /api/users/create

POST: Creating new user in the school system.

Restricted to teachers and administrators.

Teachers can create accounts for other teachers, students and parents.

Administrators can additionally create other administrators accounts.

Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	tokenAuth	
apiKey	cookieAuth	

Components

Schemas

Announcement

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
user <i>required</i>	<i>read only</i>	
title <i>required</i>	Maximum Length: 100	string
content <i>required</i>	Maximum Length: 2000	string

Name	Description	Schema
date <i>required</i>	<i>read only</i>	string (date-time)
attachment <i>optional</i>		string (uri)

Grade

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
student <i>required</i>	<i>read only</i>	
subject <i>required</i>	<i>read only</i>	
value <i>optional</i>	Maximum: 6 Minimum: 1	integer
firstRetakeValue <i>optional</i>	<i>nullable</i> Maximum: 6 Minimum: 1	integer
secondRetakeValue <i>optional</i>	<i>nullable</i> Maximum: 6 Minimum: 1	integer
description <i>optional</i>	Maximum Length: 100	string

GradeSimple

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
value <i>optional</i>	Maximum: 6 Minimum: 1	integer

Name	Description	Schema
firstRetakeValue <i>optional</i>	<i>nullable</i> Maximum: 6 Minimum: 1	integer
secondRetakeValue <i>optional</i>	<i>nullable</i> Maximum: 6 Minimum: 1	integer
description <i>optional</i>	Maximum Length: 100	string
student <i>required</i>		integer
subject <i>required</i>		integer

Login

Properties

Name	Description	Schema
username <i>optional</i>		string
email <i>optional</i>		string (email)
password <i>required</i>		string

Message

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
sender <i>required</i>	<i>read only</i>	
receiver <i>required</i>	<i>read only</i>	

Name	Description	Schema
title <i>required</i>	<i>read only</i>	string
content <i>required</i>	<i>read only</i>	string
date <i>required</i>	<i>read only</i>	string (date-time)
read <i>optional</i>		boolean

Parent

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
email <i>optional</i>	Maximum Length: 254	string (email)
first_name <i>optional</i>	Maximum Length: 150	string
last_name <i>optional</i>	Maximum Length: 150	string
type <i>optional</i>		TypeEnum
details <i>required</i>		ParentDetails

ParentDetails

Properties

Name	Description	Schema
children <i>required</i>		< StudentSimple > array

ParentSimple

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
email <i>optional</i>	Maximum Length: 254	string (email)
first_name <i>optional</i>	Maximum Length: 150	string
last_name <i>optional</i>	Maximum Length: 150	string
type <i>optional</i>		TypeEnum

PatchedGrade

Properties

Name	Description	Schema
id <i>optional</i>	<i>read only</i>	integer
student <i>optional</i>	<i>read only</i>	
subject <i>optional</i>	<i>read only</i>	
value <i>optional</i>	Maximum: 6 Minimum: 1	integer
firstRetakeValue <i>optional</i>	<i>nullable</i> Maximum: 6 Minimum: 1	integer
secondRetakeValue <i>optional</i>	<i>nullable</i> Maximum: 6 Minimum: 1	integer
description <i>optional</i>	Maximum Length: 100	string

PatchedParent

Properties

Name	Description	Schema
id <i>optional</i>	<i>read only</i>	integer
email <i>optional</i>	Maximum Length: 254	string (email)
first_name <i>optional</i>	Maximum Length: 150	string
last_name <i>optional</i>	Maximum Length: 150	string
type <i>optional</i>		TypeEnum
details <i>optional</i>		ParentDetails

PatchedSchoolClass

Properties

Name	Description	Schema
id <i>optional</i>	<i>read only</i>	integer
title <i>optional</i>	Maximum Length: 100	string
subjects <i>optional</i>	<i>read only</i>	< SubjectSimple > array
students <i>optional</i>	<i>read only</i>	< StudentSimple > array

PatchedStudent

Properties

Name	Description	Schema
id <i>optional</i>	<i>read only</i>	integer
email <i>optional</i>	Maximum Length: 254	string (email)
first_name <i>optional</i>	Maximum Length: 150	string

Name	Description	Schema
last_name <i>optional</i>	Maximum Length: 150	string
type <i>optional</i>		TypeEnum
details <i>optional</i>		StudentDetails

PatchedSubjectSimple

Properties

Name	Description	Schema
id <i>optional</i>	<i>read only</i>	integer
title <i>optional</i>	Maximum Length: 100	string
teacher <i>optional</i>	<i>nullable</i>	integer
schoolClass <i>optional</i>	<i>nullable</i>	integer

PatchedTeacher

Properties

Name	Description	Schema
id <i>optional</i>	<i>read only</i>	integer
email <i>optional</i>	Maximum Length: 254	string (email)
first_name <i>optional</i>	Maximum Length: 150	string
last_name <i>optional</i>	Maximum Length: 150	string
type <i>optional</i>		TypeEnum

SchoolClass

Properties

Name	Description	Schema
<i>id required</i>	<i>read only</i>	integer
<i>title required</i>	Maximum Length: 100	string
<i>subjects required</i>	<i>read only</i>	< SubjectSimple > array
<i>students required</i>	<i>read only</i>	< StudentSimple > array

SchoolClassSimple

Properties

Name	Description	Schema
<i>id required</i>	<i>read only</i>	integer
<i>title optional</i>	Maximum Length: 100	string

Student

Properties

Name	Description	Schema
<i>id required</i>	<i>read only</i>	integer
<i>email optional</i>	Maximum Length: 254	string (email)
<i>first_name optional</i>	Maximum Length: 150	string
<i>last_name optional</i>	Maximum Length: 150	string
<i>type optional</i>		TypeEnum
<i>details required</i>		StudentDetails

StudentDetails

Properties

Name	Description	Schema
schoolClass <i>required</i>		SchoolClassSimple
parents <i>required</i>	<i>read only</i>	< ParentSimple > array
grades <i>required</i>	<i>read only</i>	< GradeSimple > array

StudentSimple

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
email <i>optional</i>	Maximum Length: 254	string (email)
first_name <i>optional</i>	Maximum Length: 150	string
last_name <i>optional</i>	Maximum Length: 150	string
type <i>optional</i>		TypeEnum

SubjectSimple

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
title <i>required</i>	Maximum Length: 100	string
teacher <i>optional</i>	<i>nullable</i>	integer
schoolClass <i>optional</i>	<i>nullable</i>	integer

Teacher

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
email <i>optional</i>	Maximum Length: 254	string (email)
first_name <i>optional</i>	Maximum Length: 150	string
last_name <i>optional</i>	Maximum Length: 150	string
type <i>optional</i>		TypeEnum

TeacherSimple

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
email <i>required</i>	Maximum Length: 254	string (email)
first_name <i>optional</i>	Maximum Length: 150	string
last_name <i>optional</i>	Maximum Length: 150	string
type <i>optional</i>		TypeEnum

TypeEnum

User

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
password <i>required</i>	<i>write only</i>	string

Name	Description	Schema
email <i>required</i>	Maximum Length: 254	string (email)
first_name <i>optional</i>	Maximum Length: 150	string
last_name <i>optional</i>	Maximum Length: 150	string
type <i>optional</i>		TypeEnum

UserSimple

Properties

Name	Description	Schema
id <i>required</i>	<i>read only</i>	integer
email <i>required</i>	Maximum Length: 254	string (email)
first_name <i>optional</i>	Maximum Length: 150	string
last_name <i>optional</i>	Maximum Length: 150	string
type <i>optional</i>		TypeEnum