

# PMS-v2 API Documentation

## /api/users

### GET /get-all :

- Protection: none
- Request: no data required
- Reponse: returns all registered users

### GET /logout :

- Protection: none
- Request: no data required
- Response: removes cookies: **REFRESH\_TOKEN**, **ACCESS\_TOKEN**

### POST /register-admin :

- Protection: none
- Request:
  - required: **name(max:50)**,  
**surname(max:50)**,  
**password(min:8)**
- Response: create admin account if not exist

### POST /login-user :

- Protection: none
- Request:
  - required: **idUser**, **password**
- Reponse: returns user payload and creates **REFRESH\_TOKEN** cookie

### POST /insert :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - required: **name(max:50)**,  
**surname(max:50)**,  
**password(min:8)**,  
**role([„ADMIN”, „SEKRETARIAT”, „KSIEGOWOSC”, „TEREN”])**
- Reponse: creates new user

### PUT /update :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - required: **idUser**,  
**name(max:50)**,  
**surname(max:50)**,  
**role([„ADMIN”, „SEKRETARIAT”, „KSIEGOWOSC”, „TEREN”])**
- Reponse: updates user

### PUT /update-password :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idUser**, **password(min:8)**
- Response: updates user password

### DELETE /delete:

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idUser**
- Response: deletes user

## /api/mpzp

### GET /get-all :

- Protection: auth with **JWT**
- Request: no data required
- Reponse: returns all available **MPZP**

### POST /insert :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **code(max:5)**, **description(max:70)**
- Response: creates new **MPZP**

### POST /insert-file:

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request: no data required
- Response: creates new **MPZP** from mpzp.json file

### PUT /update:

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idMpzp**, **code(max:5)**, **description(max:70)**
- Response: updates **MPZP**

### DELETE /delete :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idMpzp**
- Response: deletes **MPZP**

## /api/general-plans

### GET /get-all :

- Protection: auth with **JWT**
- Request: no data required
- Reponse: returns all available **General Plans**

### POST /insert :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **code(max:5)**, **description(max:70)**
- Response: creates new **General Plan**

### POST /insert-file:

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request: no data required
- Response: creates new **General Plans** from generalPlans.json file

### PUT /update:

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idGeneralPlan**, **code(max:5)**, **description(max:70)**
- Response: updates **General Plan**

### DELETE /delete :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idGeneralPlan**
- Response: deletes **General Plan**

## /api/land-purposes

**GET** /get-all :

- Protection: auth with **JWT**
- Request: no data required
- Response: returns all available **Land Purposes**

**POST** /insert :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **type(max:50)**
- Response: creates new **Land Purpose**

**POST** /insert-file:

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request: no data required
- Response: creates new **Land Purposes** from landPurposes.json file

**PUT** /update:

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idLandPurpose, type(max:50)**
- Response: updates **Land Purpose**

**DELETE** /delete :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idLandPurpose**
- Response: deletes **Land Purpose**

## /api/land-types

**GET** /get-all :

- Protection: auth with **JWT**
- Request: no data required
- Response: returns all available **Land Types**

**POST** /insert :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **type(max:50)**
- Response: creates new **Land Type**

**POST** /insert-file:

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request: no data required
- Response: creates new **Land Types** from landTypes.json file

**PUT** /update:

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idLandType, type(max:50)**
- Response: updates **Land Type**

**DELETE** /delete :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idLandType**
- Response: deletes **Land Type**

## /api/owners

### GET /get :

- Protection: auth with **JWT**
- Request:
  - Optional: **nameFilter**, **limit(int min:0)**
- Response: returns filtered owners and their lands

### POST /insert :

- Protection: auth with **JWT**
- Request:
  - Required: **name(max:100)**
  - Optional: **phone(polish phone format)**
- Response: creates new **Owner**

### PUT /update:

- Protection: auth with **JWT**
- Request:
  - Required: **idOwner**, **name(max:100)**
  - Optional: **phone(polish phone format)**
- Response: updates **Owner**

### DELETE /delete :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idOwner**
- Response: deletes **Owner**

## /api/renters

### GET /get-all :

- Protection: auth with **JWT**
- Request: no data required
- Response: returns all **Renters**

### GET /get :

- Protection: auth with **JWT**
- Request:
  - Optional: **monthFilter(int)**, **nameFilter**, **endYearFilter(int)**, **ownerNameFilter**, **showExpired(bool)**, **limit(int, min:0)**
- Response: returns filtered renters and their rents

### POST /insert :

- Protection: auth with **JWT**
- Request:
  - Required: **name(max:100)**, **phone(polish phone format)**
- Response: creates new **Renter**

### PUT /update:

- Protection: auth with **JWT**
- Request:
  - Required: **idRenter**, **name(max:100)**, **phone(polish phone format)**
- Response: updates **Renter**

### DELETE /delete :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idRenter**

- Response: deletes **Renter**

## **/api/locations**

### **GET** /get-towns :

- Protection: auth with **JWT**
- Request:
  - Optional: **town**
- Reponse: returns filtered **Towns**

### **GET** /get :

- Protection: auth with **JWT**, specific role auth: **SEKRETARIAT, KSIEGOWOSC**
- Request:
  - Optional: **taxDistrict(int)**, **agriculturalTax(„0” or „1”)**, **forestTax(„0” or „1”)**, **commune**, **district**, **province**, **limit(int, min:0)**
- Reponse: returns filtered **Locations**

### **PUT** /update:

- Protection: auth with **JWT**, specific role auth: **SEKRETARIAT, KSIEGOWOSC**
- Request:
  - Required: **idLocation**
  - Optional: **taxDistrict(int)**, **agriculturalTax(float, between 0 and 9999)**, **forestTax(float, between 0 and 9999)**
- Response: updates **Location**

## **/api/files**

### **GET** /get/:idLand/:filename :

- Protection: auth with **JWT**
- Request:
  - Required: **idLand**, **filename**
- Reponse: returns a **file** (connected with specific land)

### **POST** /upload/:idLand :

- Protection: auth with **JWT**
- Request:
  - Required: **idLand**
  - FormData: **files(multiple files)**
- Reponse: upload **files** connected to specific land

### **DELETE** /delete :

- Protection: auth with **JWT**
- Request:
  - Required: **idLand**, **filename**
- Response: deletes file

## **/api/ground-classes**

### **GET** /get :

- Protection: auth with **JWT**
- Request:
  - Required: **taxDistrict(int)**
- Reponse: returns filtered **Ground Classes**

#### **GET** /count :

- Protection: auth with **JWT**
- Request:
  - Required: **groundClass**, **taxDistrict(int)**
- Reponse: returns count of filtered **Ground Classes**

#### **GET** /unique :

- Protection: auth with **JWT**
- Request: no data required
- Reponse: returns unique groundClasses by class

#### **POST** /insert :

- Protection: auth with **JWT**, specific role auth: **SEKRETARIAT**, **KSIEGOWOSC**
- Request:
  - Required: **groundClass(max:10)**, **converter(float, between 0 and 9)**, **taxDistrict(int)**, **tax(„rolny” or „lesny” or „brak”)**
- Response: creates new **Ground Class**

#### **PUT** /update :

- Protection: auth with **JWT**, specific role auth: **SEKRETARIAT**, **KSIEGOWOSC**
- Request:
  - Required: **idGroundClass**, **groundClass(max:10)**, **converter(float, between 0 and 9)**, **taxDistrict(int)**, **tax(„rolny” or „lesny” or „brak”)**
- Response: updates **Ground Class**

#### **DELETE** /delete :

- Protection: auth with **JWT**
- Request:
  - Required: **idGroundClass**
- Response: deletes **Ground Class**

### **/api/areas**

#### **POST** /insert :

- Protection: auth with **JWT**, specific role auth: **SEKRETARIAT**, **KSIEGOWOSC**
- Request:
  - Required: **idLand(length:21)**, **idGroundClass(length:21)**, **area(float, between 0 and 9999)**, **releasedArea(float, between 0 and 9999)**
- Response: creates new **Land Area**

#### **PUT** /update :

- Protection: auth with **JWT**, specific role auth: **SEKRETARIAT**, **KSIEGOWOSC**
- Request:
  - Required: **idArea**, **idGroundClass(length:21)**, **area(float, between 0 and 9999)**, **releasedArea(float, between 0 and 9999)**
- Response: updates **Land Area**

#### **DELETE** /delete :

- Protection: auth with **JWT**, specific role auth: **SEKRETARIAT**, **KSIEGOWOSC**
- Request:
  - Required: **idArea**
- Response: deletes **Land Area**

### **/api/rents**

### **POST** /insert :

- Protection: auth with **JWT**
- Request:
  - Required: **idRenter(length:21)**, **idLand(length:21)**, **startDate(date)**, **endDate(date)**, **rental(int, max:8 milions)**, **issueRentalFactureDate(date)**
- Response: creates new **Rent**

### **PUT** /update :

- Protection: auth with **JWT**
- Request:
  - Required: **idRent**, **idRenter(length:21)**, **startDate(date)**, **endDate(date)**, **rental(int, max:8 milions)**, **issueRentalFactureDate(date)**
- Response: updates **Rent**

### **DELETE** /delete :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idRent**
- Response: deletes **Rent**

## **/api/lands**

### **GET** /serial-exist :

- Protection: auth with **JWT**
- Request:
  - Required: **serialNumber**
- Reponse: returns land serial number existing

### **GET** /get-one :

- Protection: auth with **JWT**
- Request:
  - Required: **idLand**
- Reponse: returns one **Land** data

### **GET** /get :

- Protection: auth with **JWT**
- Request:
  - Optional: **serialFilter**, **purchaseYearFilter(int)**, **lowSellDateFilter(date)**, **highSellDateFilter(date)**, **ownerFilter**, **purposeFilter**, **rentFilter(boolean)**, **lowAreaFilter(float)**, **highAreaFilter(float)**, **communeFilter**, **districtFilter**, **provinceFilter**, **townFilter**, **landNumberFilter**, **groundClassFilter**, **limit(int, min:0)**
- Reponse: returns one **Land** data

### **GET** /get-rent :

- Protection: auth with **JWT**
- Request: no data required
- Reponse: returns **Lands** intended for rent

### **GET** /get-insertion-data :

- Protection: auth with **JWT**
- Request: no data required
- Reponse: returns data for land insertion:  
**owners**, **landTypes**, **landPurposes**, **generalPlans**, **MPZP**

### **POST** /insert :

- Protection: auth with **JWT**
- Request:
  - Required: **serialNumber(max:20)**, **landNumber(max:7)**, **area(float, between 0 and 9999)**, **town(max:50)**, **commune(max:50)**, **district(max:50)**, **province(max:50)**, **idOwner(length:21)**, **propertyTax(boolean)**
  - Optional: **registerNumber(max:15)**, **mortgage(boolean, default:false)**, **idLandType(length:21)**, **description(max:65535)**, **idLandPurpose(length:21)**, **idMpzp(length:21)**, **idGeneralPlan(length:21)**, **waterCompany(boolean, default:false)**, **purchaseDate(date)**, **purchaseActNumber(max:21)**, **seller(max:50)**, **purchasePrice(int)**, **sellDate(date)**, **sellActNumber(max:21)**, **buyer(max:50)**, **sellPrice(int)**
- Response: creates new **Land** and others objects connected with **Land**

### **PUT** /update :

- Protection: auth with **JWT**
- Request:
  - Required: **idLand**, **serialNumber(max:20)**, **landNumber(max:7)**, **area(float, between 0 and 9999)**, **town(max:50)**, **commune(max:50)**, **district(max:50)**, **province(max:50)**, **idOwner(length:21)**, **propertyTax(boolean)**
  - Optional: **registerNumber(max:15)**, **mortgage(boolean, default:false)**, **idLandType(length:21)**, **description(max:65535)**, **idLandPurpose(length:21)**, **idMpzp(length:21)**, **idGeneralPlan(length:21)**, **waterCompany(boolean, default:false)**, **purchaseDate(date)**, **purchaseActNumber(max:21)**, **seller(max:50)**, **purchasePrice(int)**, **sellDate(date)**, **sellActNumber(max:21)**, **buyer(max:50)**, **sellPrice(int)**
- Response: updates **Land** and others things connected with **Land**

### **DELETE** /delete :

- Protection: auth with **JWT**, specific role auth: **ADMIN**
- Request:
  - Required: **idLand**
- Response: deletes **Land**