

PW_usercont

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5a"),
  "userContactId": 12345,
  "contactInfoId": 67890,
  "userId": 54321
}
```

PW_userRoles

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5b"),
  "roleId": 1, // Campo INT original
  "userId": 54321, // Campo INT original
  "lastUpdated": ISODate("2023-11-15T10:30:00Z"), // DATETIME → ISODate
  "userName": "johndoe", // VARCHAR(50) → String
  "checksum": BinData(0, "aGVsbG8gd29ybGQ="), // VARBINARY → BinData
  "enabled": true, // TINYINT → Boolean
  "deleted": false // TINYINT → Boolean
}
```

PV_contactType

```
{
  "_id": ObjectId("661f3a9c8a1b2c3d4e5f6g7h"),
  "contactTypeId": 1,
  "name": "Teléfono móvil",
  "format": "+## (##) ###-####"
}
```

PV_userService

```

db.PV_userService.insertMany([
  {
    "userServiceId": 1001,
    "serviceId": 5,
    "userId": 2001
  },
  {
    "userServiceId": 1002,
    "serviceId": 3,
    "userId": 2002
  }
]);

```

PV_users

```

db.PV_users.insertMany([
  {
    "userId": 2001,
    "firstName": "María",
    "lastName": "González",
    "email": "maria.gonzalez@example.com",
    "createdAt": new Date("2023-05-15T08:30:45Z"),
    "updatedAt": new Date("2023-11-20T14:15:22Z"),
    "companyId": 10
  },
  {
    "userId": 2002,
    "firstName": "Carlos",
    "lastName": "Martínez",
    "email": "carlos.martinez@example.com",
    "createdAt": new Date("2023-06-10T10:15:30Z"),
    "updatedAt": new Date("2023-12-05T09:45:10Z"),
    "companyId": 15
  }
]);

db.PV_users.createIndex({ "userId": 1 }, { unique: true });
db.PV_users.createIndex({ "email": 1 }, { unique: true });
db.PV_users.createIndex({ "lastName": 1, "firstName": 1 });
db.PV_users.createIndex({ "companyId": 1 });

```

PVL_userMedia

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5a"),
  "userMediaId": 1001,
  "mediaFileId": 5001,
  "userId": 2001
}
```

PVL_userInfo

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5b"),
  "userInfoId": "INF-2001-001",
  "userId": 2001,
  "infoId": 3001
}
```

PVL_userPermissions

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5c"),
  "userPermissionsId": 7001,
  "enabled": true,
  "deleted": false,
  "lastUpdate": ISODate("2023-11-15T10:30:00Z"),
  "userName": "johndoe",
  "checksum": BinData(0, "aGVsbG8gd29ybGQ="),
  "permissionId": 4001,
  "userId": 2001
}
```

PVL_roles

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5d"),
  "roleId": 6001
}
```

PVL_subscriptions

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5e"),
  "subscriptionId": 8001,
  "description": "Premium Plan",
  "logoURL": "https://example.com/logo.png"
}
```

PVL_contactInfo

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5f"),
  "contactInfoId": 9001,
  "contactTypeId": 1,
  "value": "john@example.com",
  "isPrimary": true,
  "verifiedAt": ISODate("2023-10-01T15:30:00Z"),
  "updatedAt": ISODate("2023-11-01T09:15:00Z")
}
```

PVL_userAddress

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5g"),
  "userAddressId": 10001,
  "addressId": 11001,
  "userId": 2001
}
```

PVL_Payments

```

{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5h"),
  "paymentId": 12001,
  "amount": NumberLong(10000),
  "actualAmount": NumberLong(9500),
  "result": 1,
  "reference": "PAY-REF-12345",
  "auth": "AUTH123",
  "chargeToken": BinData(0, "dG9rZW4xMjM0NTY="),
  "description": "Monthly subscription",
  "error": null,
  "date": ISODate("2023-11-20T14:30:00Z"),
  "checksum": BinData(0, "Y2hlY2ttdW0xMjM="),
  "userId": 2001,
  "paymentMethodId": 3,
  "availableMethodId": 2,
  "moduleId": 5
}

```

PVL_userMedia	userMediaId (INT)	userMediaId (Int32)
	mediafileId (INT)	mediaFileId (Int32)
	userId (INT)	userId (Int32)
PVL_userInfo	userInfo (VARCHAR)	userInfo (String)
	userId (INT)	userId (Int32)
	info (INT)	info (Int32)

PVL_userPermissions	userPermissionsId (INT)	userPermissionsId (Int32)
	enabled (TINYINT)	enabled (Boolean)
	deleted (TINYINT)	deleted (Boolean)
	lastUpdate (DATETIME)	lastUpdate (Date)
	userName (VARCHAR)	userName (String)
	checksum (VARBINARY)	checksum (BinData)
	permissionId (INT)	permissionId (Int32)
	userId (INT)	userId (Int32)

PVL_contactInfo	contactInfoId (INT)	contactInfoId (Int32)
	contactTypeId (INT)	contactTypeId (Int32)
	value (VARCHAR)	value (String)
	isPrimary (TINYINT)	isPrimary (Boolean)
	verifiedAt (TIMESTAMP)	verifiedAt (Date)
	updatedAt (TIMESTAMP)	updatedAt (Date)

PVL_Payments	paymentId (INT)	paymentId (Int32)
	amount (BIGINT)	amount (NumberLong)
	actualAmount (BIGINT)	actualAmount (NumberLong)
	result (TINYINT)	result (Int32)
	reference (VARCHAR)	reference (String)
	chargetoken (VARBINARY)	chargeToken (BinData)
	description (VARCHAR)	description (String)

userPlanLimits

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5a"),
  "personPlanLimit": 3,
  "limit": 10,
  "userPlanId": 1001,
  "planFeatureId": 5
}
```

PW_mediafiles

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5b"),
  "mediaFileId": 2001,
  "fileName": "profile.jpg",
  "fileUrl": "https://cdn.example.com/files/profile.jpg",
  "fileSizeMB": 2,
  "deleted": false,
  "createdAt": ISODate("2023-10-15T08:30:00Z"),
  "updatedAt": ISODate("2023-11-20T14:15:00Z"),
  "mediaTypeId": 1
}
```

PW_thirdPartyAuth

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5c"),
  "authId": 3001,
  "name": "Google Auth",
  "secretKey": "sk_test_1234567890",
  "publicKey": "pk_test_1234567890",
  "iconUrl": "https://cdn.example.com/icons/google.png"
}
```

PW_modules

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5d"),
  "moduleId": 4001,
  "name": "Payment Gateway"
}
```

PW_languages

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5e"),
  "languageId": 5001,
  "name": "Español",
  "cultureCode": "es-ES"
}
```

PW_userPlanLimits	personPlanLimit (INT)	personPlanLimit (Int32)
	limit (TINYINT)	limit (Int32)
	userPland (INT)	userPlanId (Int32)
	planFeatureId (INT)	planFeatureId (Int32)

PW_mediafiles	mediafileId (INT)	mediaFileId (Int32)
	filename (VARCHAR)	fileName (String)
	fileUrl (VARCHAR)	fileUrl (String)
	fileSizeMB (INT)	fileSizeMB (Int32)
	deleted (TINYINT)	deleted (Boolean)
	createdAt (TIMESTAMP)	createdAt (Date)
	updatedAt (DATETIME)	updatedAt (Date)
	mediaTypedd (INT)	mediaTypeId (Int32)
PW_thirdPartyAuth	idPW_thirdPartyAuth (INT)	authId (Int32)
	name (VARCHAR)	name (String)
	secretKey (VARCHAR)	secretKey (String)
	publicKey (VARCHAR)	publicKey (String)
	iconURL (VARCHAR)	iconUrl (String)
PW_modules	moduleId (INT)	moduleId (Int32)
	name (VARCHAR)	name (String)
PW_languages	languageId (INT)	languageId (Int32)
	name (VARCHAR)	name (String)
	culture (VARCHAR)	cultureCode (String)

rolePermission

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5a"),
  "rolePermissionId": 1,
  "enabled": true,
  "deleted": false,
  "lastUpdate": ISODate("2023-11-20T14:30:00Z"),
  "userName": "admin",
  "checksum": "a1b2c3d4e5f6",
  "permissionId": 100,
  "roleId": 5
}
```

PV_address

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5b"),
  "addressId": 101,
  "street": "Main Street",
  "number": "123A",
  "zipCode": "12345",
  "line1": "Building 5",
  "line2": "Floor 3",
  "cityId": 1,
  "location": {
    "type": "Point",
    "coordinates": [-73.9667, 40.78]
  }
}
```

PV_transactions

```
{  
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5c"),  
  "transactionId": 10001,  
  "amount": NumberLong(1500000),  
  "description": "Monthly subscription payment",  
  "date": ISODate("2023-11-15T09:30:00Z"),  
  "postTime": ISODate("2023-11-15T10:15:00Z"),  
  "referenceId": NumberLong(123456789),  
  "secondaryReference": NumberLong(987654321),  
  "customValue1": "INV-2023-001",  
  "customValue2": "CLT-1001",  
  "processManagerId": 3,  
  "convertedAmount": NumberLong(1498500),  
  "checksum": "d41d8cd98f00b204e980",  
  "transTypeId": 5,  
  "transSubTypeId": 2,  
  "paymentId": 2001,  
  "currencyId": 1,  
  "exchangeRateId": 3,  
}
```

PW_rolePermissions	rolePermissionId (INT)	rolePermissionId (Int32)
	enabled (TINYINT)	enabled (Boolean)
	deleted (TINYINT)	deleted (Boolean)
	lastUpdate (DATETIME)	lastUpdate (Date)
	userName (VARCHAR)	userName (String)
	checksum (VARCHAR)	checksum (String)
	permissionId (INT)	permissionId (Int32)
	roleId (INT)	roleId (Int32)
PV_address	addressId (INT)	addressId (Int32)
	street (VARCHAR)	street (String)
	number (VARCHAR)	number (String)
	zipCode (VARCHAR)	zipCode (String)
	line1 (VARCHAR)	line1 (String)
	line2 (VARCHAR)	line2 (String)
	cityId (INT)	cityId (Int32)
	geoSpatial (POINT)	location (GeoJSON Point)

PV_transType	transTypesId (INT)	transTypeId (Int32)
	name (VARCHAR)	name (String)
PV_transSubTypes	subTypedd (INT)	subTypeId (Int32)
	name (VARCHAR)	name (String)
PV_infoType	infoTypedd (INT)	infoTypeId (Int32)
	name (VARCHAR)	name (String)
PV_transactions	transactionId (INT)	transactionId (Int32)
	amount (BIGINT)	amount (NumberLong)
	description (TEXT)	description (String)
	date (DATETIME)	date (Date)
	postTime (DATETIME)	postTime (Date)
	referenced (BIGINT)	referenceId (NumberLong)
	reference2 (BIGINT)	secondaryReference (NumberLong)
	value1 (VARCHAR)	customValue1 (String)

	value2 (VARCHAR)	customValue2 (String)
	processManagerId (INT)	processManagerId (Int32)
	convertedAmount (BIGINT)	convertedAmount (NumberLong)
	checksum (VARCHAR)	checksum (String)
	transTypeId (INT)	transTypeId (Int32)
	transSubTypedd (INT)	transSubTypeId (Int32)
	paymentId (INT)	paymentId (Int32)
	currencyId (INT)	currencyId (Int32)
	exchangeRatedd (INT)	exchangeRateId (Int32)
	exchangeRatedd (INT)	exchangeRateId (Int32)
	BankID (INT)	bankId (Int32)
PV_permissions	permissionId (INT)	permissionId (Int32)
	name (VARCHAR)	name (String)
	description (VARCHAR)	description (String)
	code (VARCHAR)	code (String)
	createdAt (TIMESTAMP)	createdAt (Date)
	updatedAt (TIMESTAMP)	updatedAt (Date)
	moduledd (TINYINT)	moduleId (Int32)

PW_services

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5a"),
  "serviceId": 101,
  "name": "Cloud Storage",
  "keywords": "almacenamiento,nube,archivos",
  "category": "Tecnología",
  "description": "Servicio de almacenamiento en la nube con 100GB iniciales",
  "accountIban": "ES9121000418450200051332"
}
```

PW_scheduleDetails

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5b"),
  "scheduleDetailId": 2001,
  "deleted": false,
  "baseDate": ISODate("2023-01-01T00:00:00Z"),
  "datePart": "day",
  "lastExecute": ISODate("2023-11-20T03:00:00Z"),
  "nextExecute": ISODate("2023-11-21T03:00:00Z"),
  "scheduleId": 5
}
```

PW_Logs

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5c"),
  "logId": 5001,
  "description": "Error al procesar pago",
  "postTime": ISODate("2023-11-20T14:30:45Z"),
  "computer": "SRV-DB-01",
  "username": "jperez",
  "trace": "PaymentProcessor:Line 245",
  "referenceId": NumberLong(123456789),
  "secondaryReference": NumberLong(987654321),
  "customValue1": "TXN-2023-001",
  "customValue2": "ERR-500",
  "checksum": "a1b2c3d4e5f6g7h8i9j0",
  "logSeverityId": 3,
  "logSourceId": 2,
  "logTypeId": 5
}
```

PW_services	serviced (INT)	serviceld (Int32)
	name (VARCHAR)	name (String)
	keywords (TEXT)	keywords (String)
	category (VARCHAR)	category (String)
	description (TEXT)	description (String)
	Cuenta_lban (INT)	accountlban (String)
PW_scheduleDetails	scheduleDetailed (INT)	scheduleDetailId (Int32)
	deleted (TINYINT)	deleted (Boolean)
	baseDate (DATETIME)	baseDate (Date)
	datepart (VARCHAR)	datePart (String)
	lastExecute (DATETIME)	lastExecute (Date)
	nextExecute (DATETIME)	nextExecute (Date)
	scheduled (INT)	scheduleId (Int32)

PW_states	stated (INT)	stateId (Int32)
	name (VARCHAR)	name (String)
	countryId (INT)	countryId (Int32)
PW_logTypes	logTypedd (INT)	logTypeId (Int32)
	name (VARCHAR)	name (String)
	referenceDescription (VARCHAR)	referenceDesc (String)
	valueDescription (VARCHAR)	valueDesc (String)
PW_featuresPerPlan	featurePerPlanId (INT)	featurePerPlanId (Int32)
	value (VARCHAR)	value (String)
	enabled (TINYINT)	enabled (Boolean)
	planFeatureId (INT)	planFeatureId (Int32)
	suscriptionId (INT)	subscriptionId (Int32)
PW_countries	countryId (INT)	countryId (Int32)
	name (VARCHAR)	name (String)
	isoCode (CHAR)	isoCode (String)
	phoneCode (VARCHAR)	phoneCode (String)
PW_speechToText	speechToTawirid (INT)	speechToTextId (Int32)
PW_logSeverity	logSeverityId (INT)	logSeverityId (Int32)
	name (VARCHAR)	name (String)

PW_Logs	logId (INT)	logId (Int32)
	description (VARCHAR)	description (String)
	posttime (DATETIME)	postTime (Date)
	computer (VARCHAR)	computer (String)
	username (VARCHAR)	username (String)
	trace (VARCHAR)	trace (String)
	referencedId (BIGINT)	referenceId (NumberLong)
	referenced2 (BIGINT)	secondaryReference (NumberLong)
	value1 (VARCHAR)	customValue1 (String)
	value2 (VARCHAR)	customValue2 (String)
	checksum (VARCHAR)	checksum (String)
	logSeverityId (INT)	logSeverityId (Int32)
	logSourceId (INT)	logSourceId (Int32)
	logTypedId (INT)	logTypeId (Int32)

PW_mediaTypes

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5a"),
  "mediaTypeId": 1,
  "name": "Video MP4",
  "playerImpl": "HTML5VideoPlayer"
}
```

PW_currencie

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5b"),
  "currencyId": 1,
  "name": "Dólar Estadounidense",
  "acronym": "USD",
  "symbol": "$",
  "countryId": 1
}
```

PW_exchangeRates

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5c"),
  "exchangeRateId": 1001,
  "startDate": ISODate("2023-11-01T00:00:00Z"),
  "changeDate": ISODate("2023-11-20T15:30:00Z"),
  "rateValue": NumberDecimal("0.92"),
  "enabled": true,
  "isCurrent": true,
  "baseCurrencyId": 1,    // USD
  "targetCurrencyId": 2  // EUR
}
```

PW_authSessions

```
{
  "_id": ObjectId("5f8d8a7b2f4d4b1d2c3e4f5d"),
  "authSessionId": 5001,
  "sessionId": BinData(0, "aGVsbG8gd29ybGQ="),
  "externalUserId": BinData(0, "ZXh0ZXJuYWxVc2Vy"),
  "token": BinData(0, "dG9rZW5kYXRhMTIzNDU2Nzg5MA=="),
  "refreshToken": BinData(0, "cmVmcmVzaHRva2VuMTIzNA=="),
  "thirdPartyAuthId": 3,
  "userId": 1001
}
```

PW_mediaTypes	mediaTypeId (INT)	mediaTypeId (Int32)
	name (VARCHAR)	name (String)
	playerImpl (VARCHAR)	playerImpl (String)
PW_currencies	currencyId (INT)	currencyId (Int32)
	name (INT)	name (String)
	acronym (VARCHAR)	acronym (String)
	symbol (VARCHAR)	symbol (String)
	countryId (INT)	countryId (Int32)

PW_exchangeRates	exchangeRatedd (INT)	exchangeRateId (Int32)
	startDate (DATETIME)	startDate (Date)
	changeDate (DATETIME)	changeDate (Date)
	PW_exchangeRatedd (VARCHAR)	rateValue (Decimal128)
	enabled (TINYINT)	enabled (Boolean)
	currentChange (TINYINT)	isCurrent (Boolean)
	baseCurrencyId (INT)	baseCurrencyId (Int32)
	conversionCurrencyId (INT)	targetCurrencyId (Int32)
PW_transcriptions	transcriptionId (INT)	transcriptionId (Int32)
	userId (INT)	userId (Int32)
	speechToTextId (INT)	speechToTextId (Int32)
	text (TEXT)	text (String)

PW_authSessions	authSessionId (INT)	authSessionId (Int32)
	sessionId (VARBINARY)	sessionId (BinData)
	externalUser (VARBINARY)	externalUserId (BinData)
	token (VARBINARY)	token (BinData)
	refreshToken (VARBINARY)	refreshToken (BinData)
	thirdPartyAuth (INT)	thirdPartyAuthId (Int32)
	userId (INT)	userId (Int32)
PW_infoCompany	companyInfoTypedd (INT)	companyInfoTypeId (Int32)
	companyAddressId (INT)	companyAddressId (Int32)
	infol (INT)	infol (Int32)