ODAKGIS | Public Sector and Energy Solution

Inspiring The Community

OdakKYP

Expropriation Management Platform

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OdakKYP References

T.C.
Ulaştırma Denizcilik ve Haberleşme Bakanlığı
AYGM
Altyapı Yatırımları Genel Müdürlüğü

ADM ELEKTRİK DAĞITIM

GDZ ELEKTRİK DAĞITIM

aras
Elektrik Dağıtım Anonim Şirketi

kcetaş
1928
Kayseri ve Civarı Elektrik Türk A.Ş.

BUSKİ
BURSA SU ve KANALİZASYON İDARESİ

ÇEDAŞ
ÇAMLIBEL ELEKTRİK DAĞITIM A.Ş.

BOĞAZİÇİ ELEKTRİK DAĞITIM

AKDENİZ ELEKTRİK DAĞITIM

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What Is OdakKYP?

Expropriation is one of the tools used to acquire land for public services. This system manages with the perspective and needs of institutions carrying out expropriation, covering every stage of the process.

One professional solution for all expropriation procedures





Key Benefits

- Cover all expropriation department workflows.
- Remove dependence on external CAD, GIS, Word and Excel tools.
- Provide one system for all expropriation stakeholders.
- Generate technical and management reports centrally.

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Key Outcomes

- Improve communication and collaboration across departments and institutions.
- Prevent duplicate work.
- Preserve data integrity and institutional process knowledge.
- Use resources efficiently to minimize time and cost losses.
- Plan using accurate data.
- Access current, standardized, high-quality data managed centrally.

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OdakKYP Modules

Project

Property

Owner

- Valuation
- Notification Preparation
- Postal Notification Tracking
- Negotiation Outcomes
- Urgent Expropriation
- Forestry Permit Workflows
- Zoning Plan Amendment Workflows
- Payments (Accounting Integration)
- Decision Support
- Web GIS
- Reporting
- Dynamic Excel Data Upload
- TAKBIS Integration
- TEDAS Integration
- Mobile Application
- Field Facility Location Checks
- Litigation and Case Tracking
- Registration
- E-Signature
- Digital Archive
- Configuration

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USERS



- Public Institutions Property and Expropriation Departments
- Municipal Property and Expropriation Departments
- Energy, Drinking Water and Wastewater Companies
- External Institutions and Organizations
- Citizens

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BENEFITS

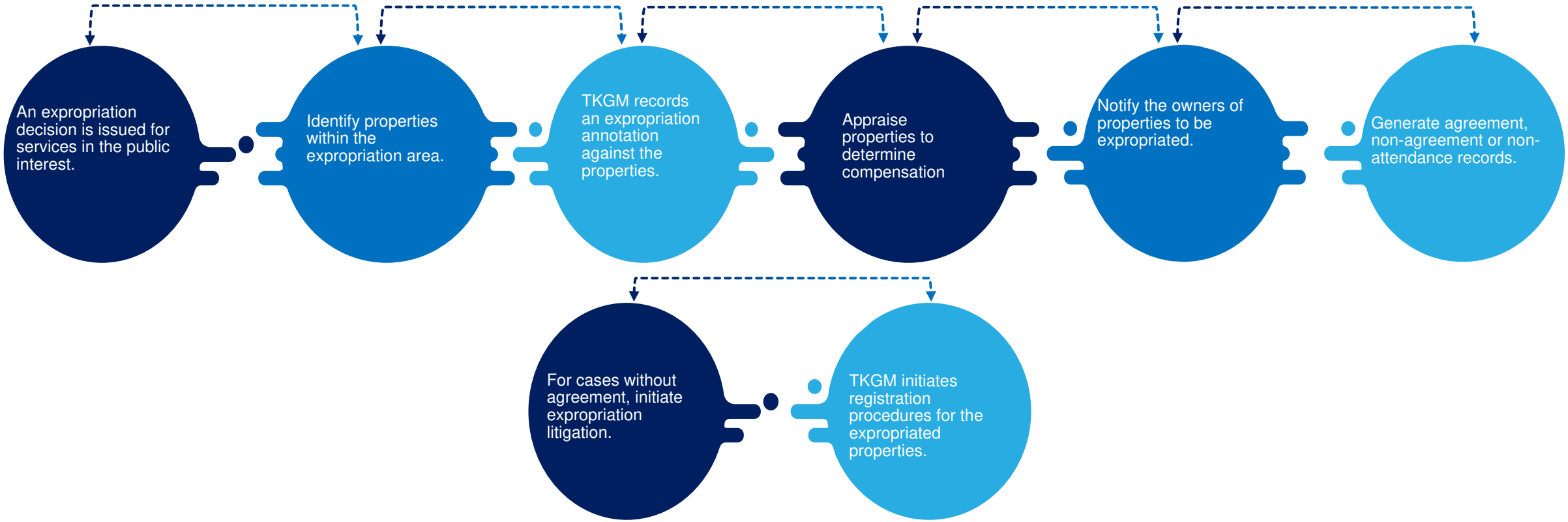
- Prevents incorrect records, duplicate payments and repeated work caused by user errors.
- Distributes project knowledge across the team rather than concentrating it in individual staff members.
- Provides online reports on completion rates, payment amounts, agreed, disputed and litigated parcels and owners.
- Imports data from institutional CAD tools in NCZ, DXF, DWG, SHP, DGN, TAB, GML, KMZ and KML formats.
- Accelerates TKGM registration processes.
- Manages all expropriation data centrally with linked records.
- Provides detailed queries and reports for technical and administrative managers.
- Tracks notification delivery and status in the system.
- Displays expropriated areas, boundaries and included or excluded parcels on the map, linking them to projects to support accurate, outcome-focused management decisions.
- TAKBIS integration retrieves and manages owner, block, parcel, encumbrance, annotation, declaration, seizure and mortgage data online.



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CORE WORKFLOW

EXPROPRIATION



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SYSTEM FEATURES

Flexible architecture supporting new technologies

Open-source architecture

Web-based and compliant with relevant international standards

Mobile capabilities



Process management

All processes are geographically referenced.

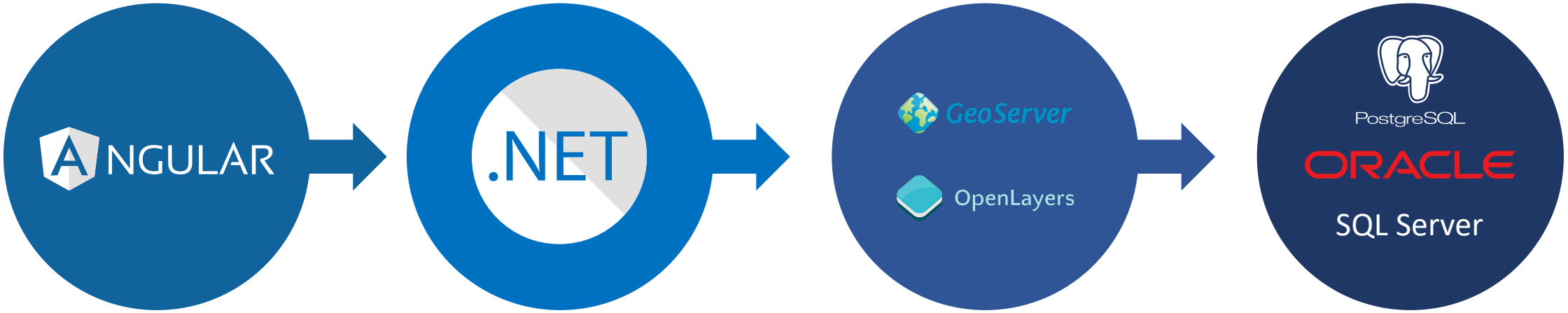
Integrates with e-government systems (TAKBIS, MERNIS, VEDOP)

Generate all correspondence and reports within the system.

Electronic signatures are used for all correspondence.

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TECHNOLOGIES



FRONT END

TECHNOLOGIES

BACK END

TECHNOLOGIES

MAPPING

TECHNOLOGIES

DATABASE TECHNOLOGIES

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MAPPING CAPABILITIES

Spatial Data Editing

Map-based drawing tools support the following operations on geographic features:

- Clip
- Subtract area
- Close polygon
- Merge
- Move
- Edit vertices
- Add by coordinates, drawing or file upload
- Update attributes
- Delete
- Clear screen
- Save to database

Data Conversion

Read and write vector data in DGN, DWG, DXF, GML, KML, KMZ, NCZ, TAB and SHP formats. Convert data online and zoom to the geographic location of uploaded reference data.



Layer Management

- Add layers from WMS/WMTS and TMS services
- Create layer groups
- Filter layers and apply CQL filters
- Define custom styles
- Select attributes for information pop-ups
- Search layers
- List active layers
- Show/hide layers
- Display legends
- Remove layers

Map Output

- Save output templates
- Add scale bar
- Add images
- Add legend
- Add north arrow
- Add map title
- Print
- Export screenshots (JPEG, PNG)

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SYSTEM OVERVIEW

1. Create Project

Create projects, enter details or upload project data from files.

2. Upload Data

Easily upload project map data, title records and MERNIS records.

3. Property Valuation

Calculate property unit values and appraised compensation values.

4. Notification and Negotiation

Generate negotiation notices and enter negotiation details.

5. Litigation

Manage urgent expropriation and compensation determination proceedings in detail.

6. Payment and Registration

Manage all project payments from a single screen and register the properties.

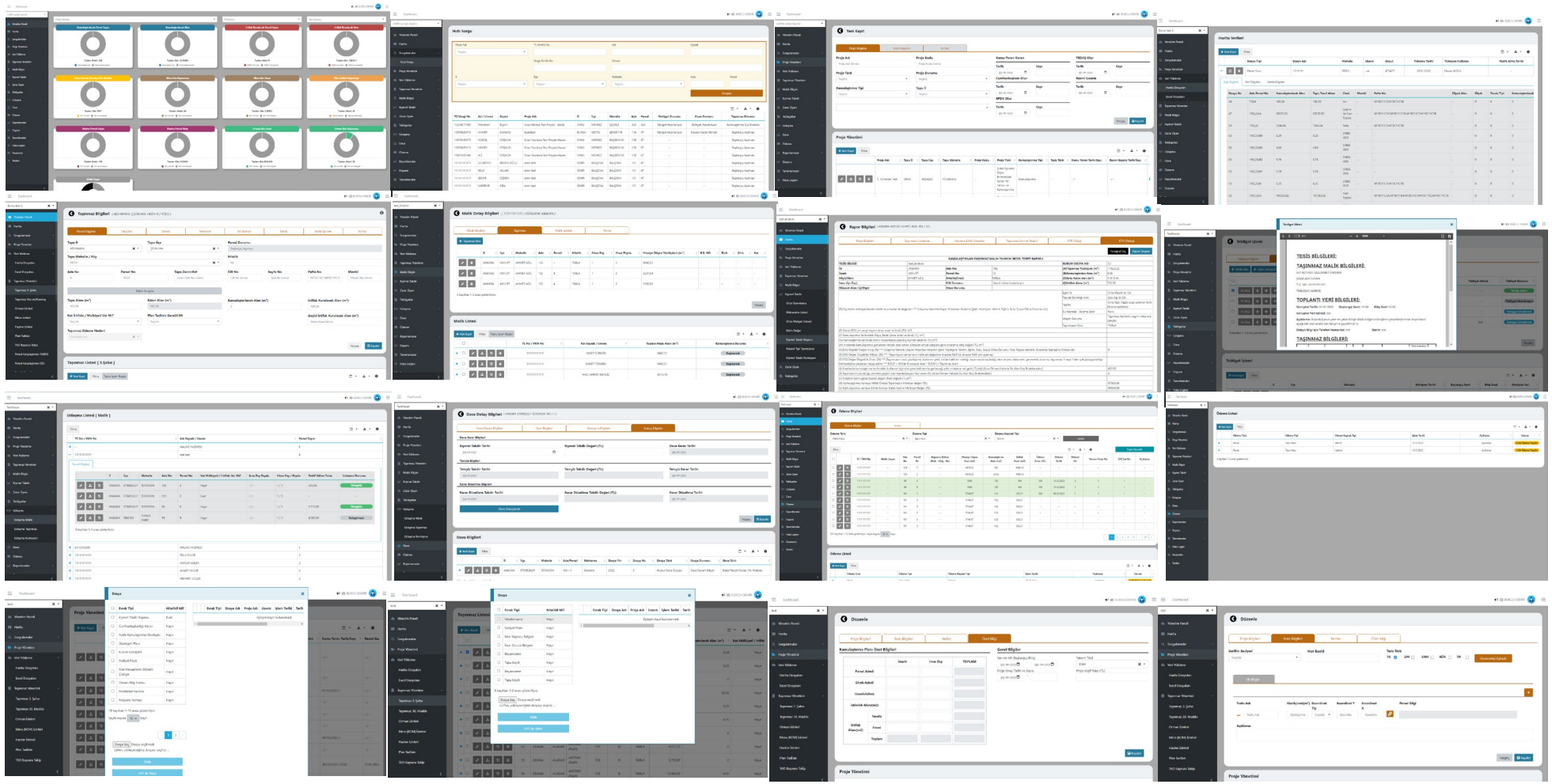


EXPROPRIATION MANAGEMENT PLATFORM

SCREENSHOTS
EXAMPLES

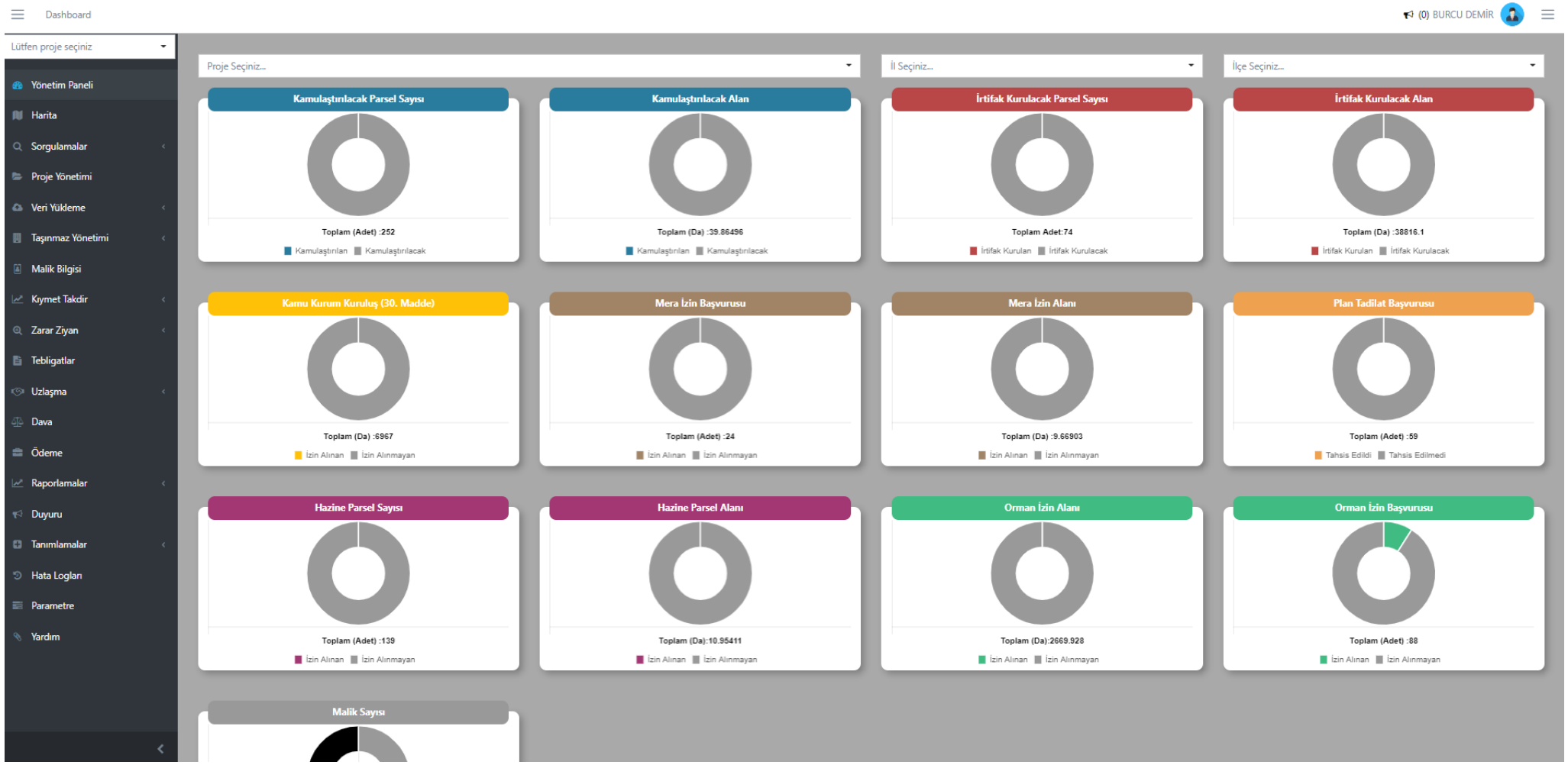
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SCREENSHOT EXAMPLES



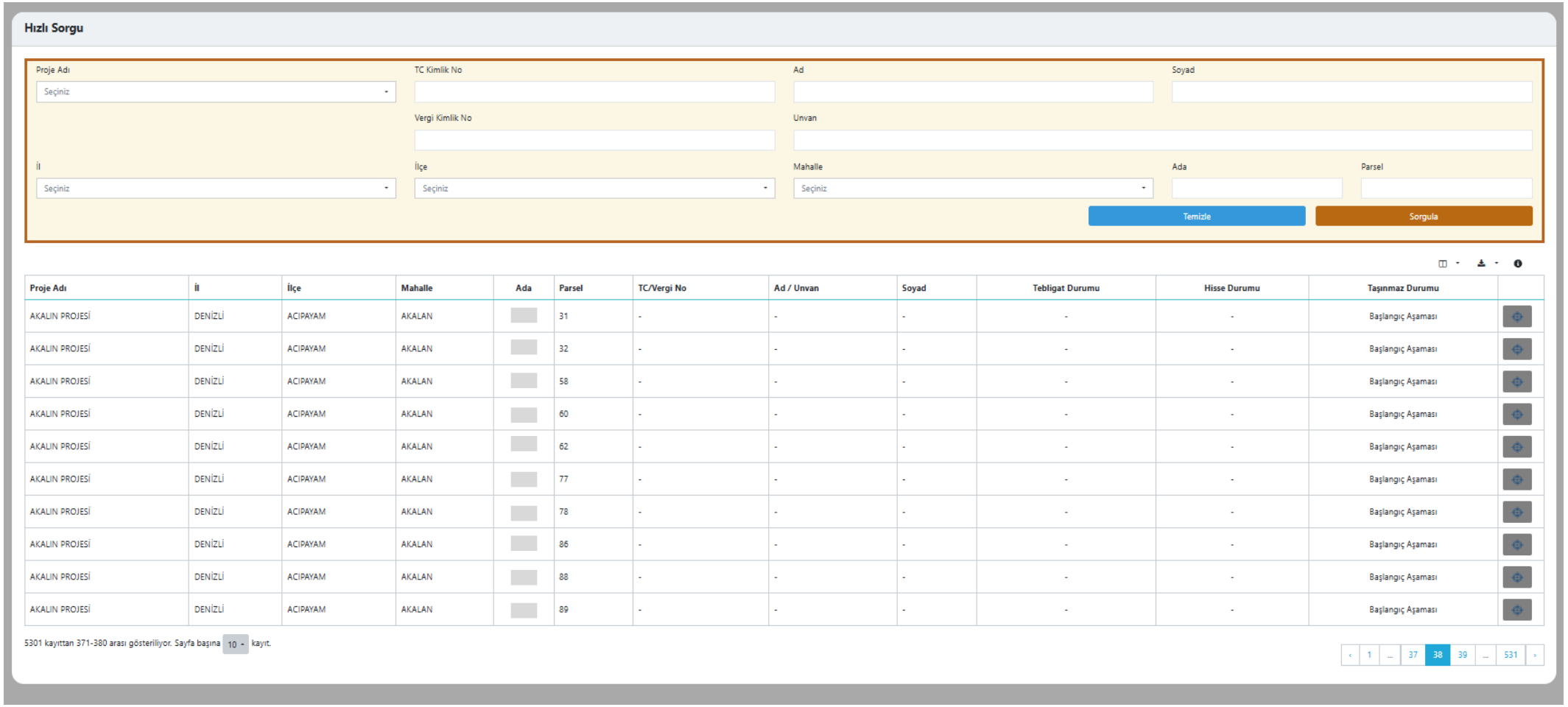
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SCREENSHOT EXAMPLES



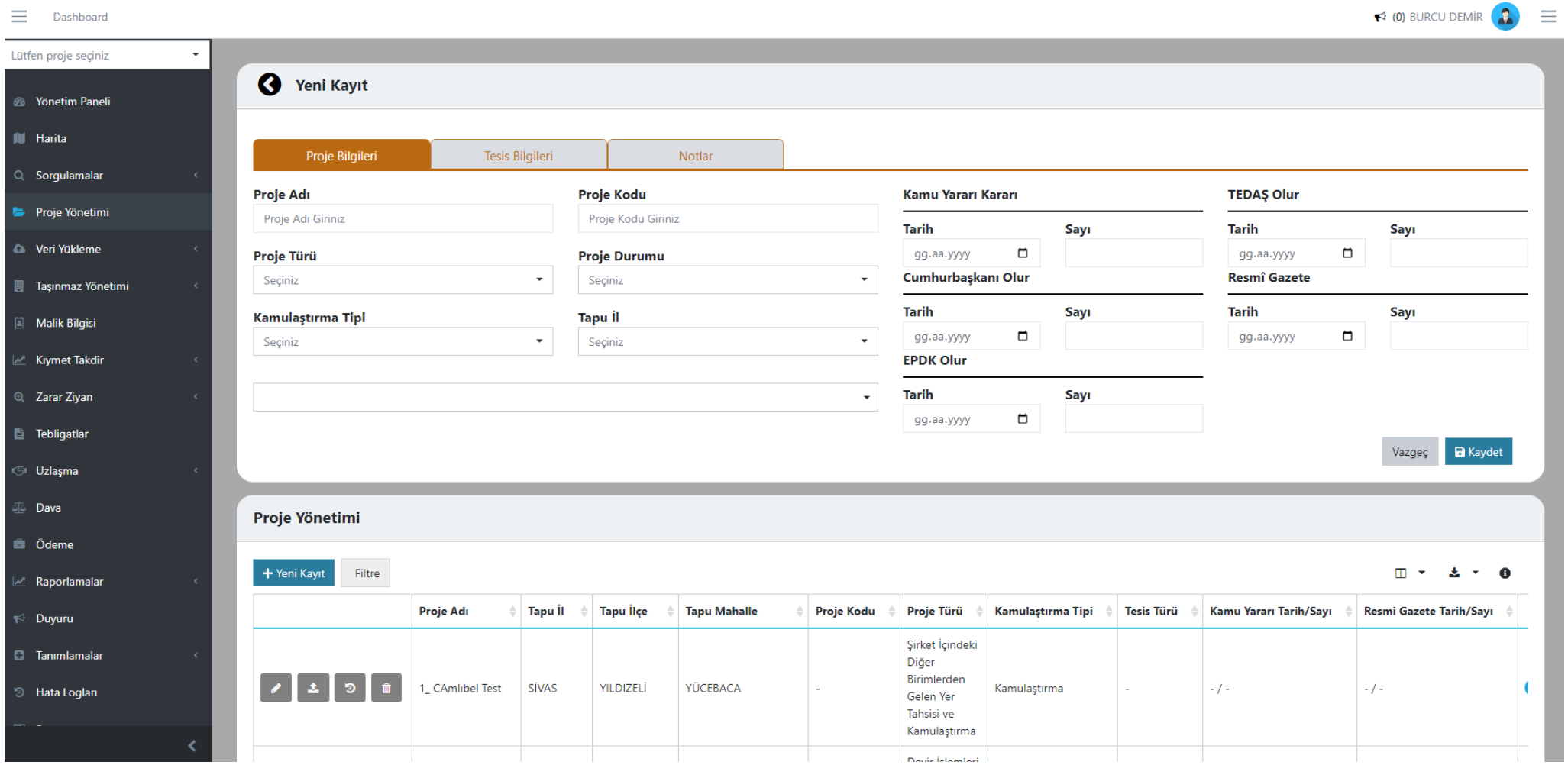
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SCREENSHOT EXAMPLES



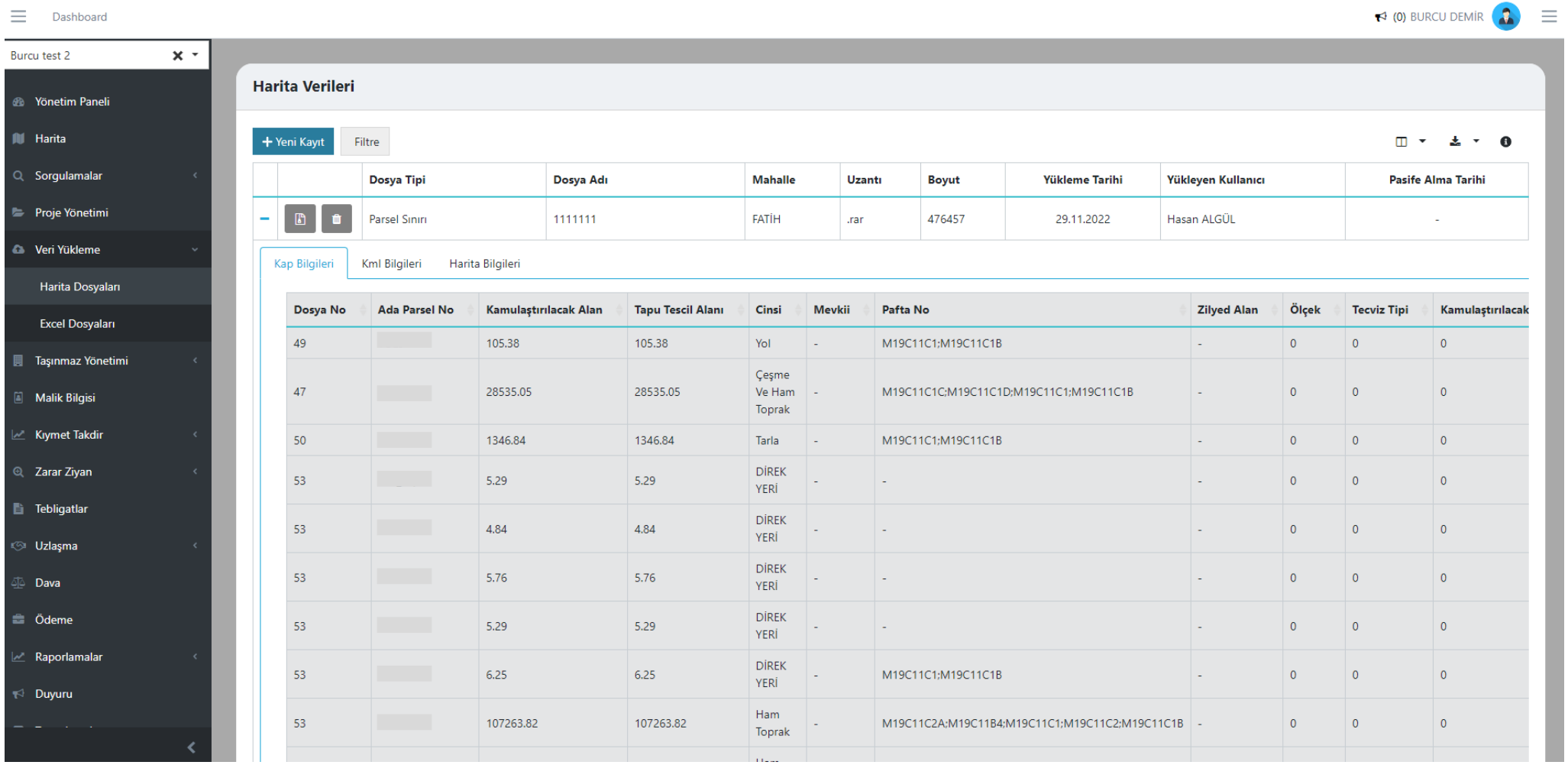
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SCREENSHOT EXAMPLES



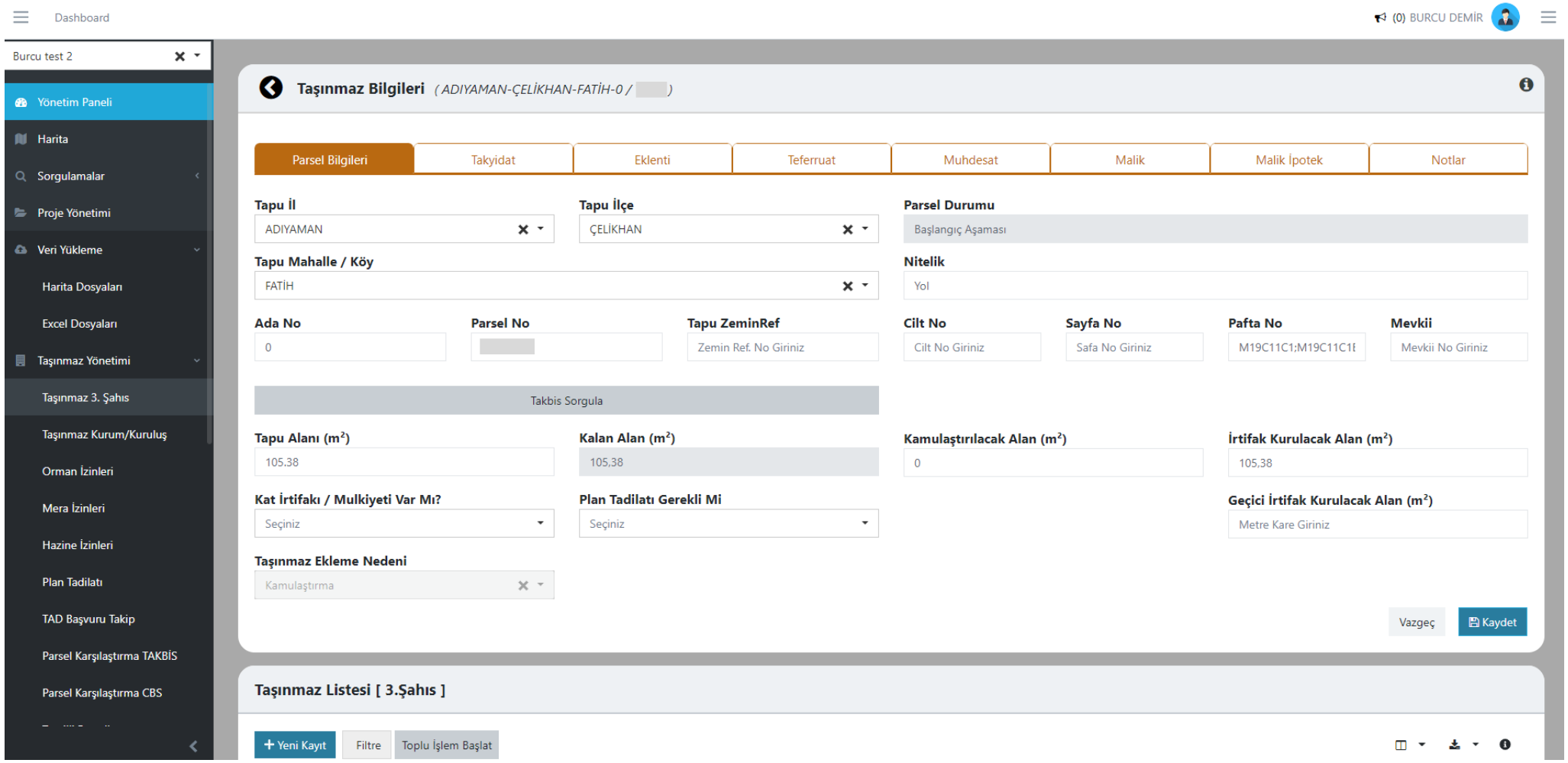
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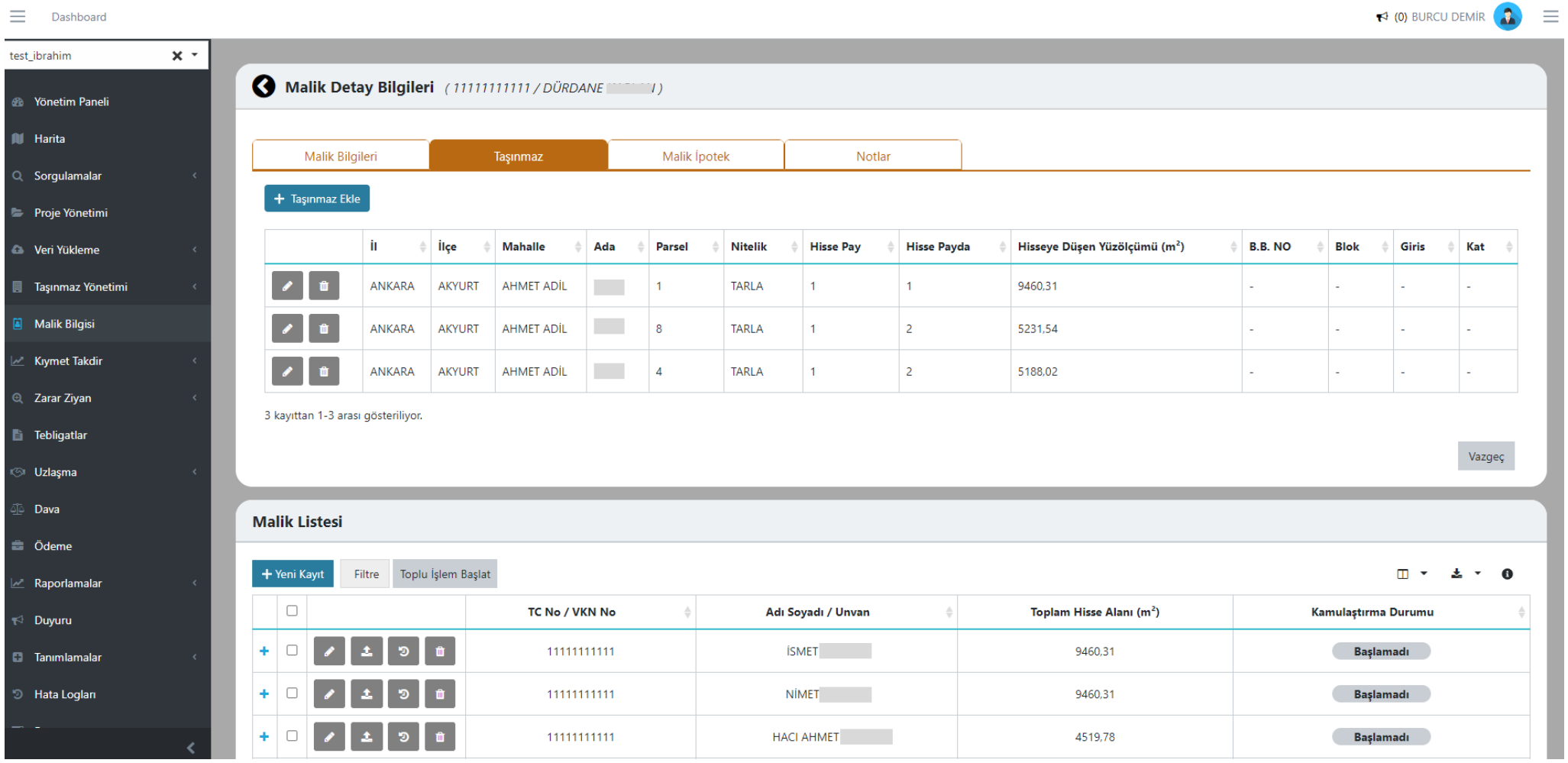
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SCREENSHOT EXAMPLES



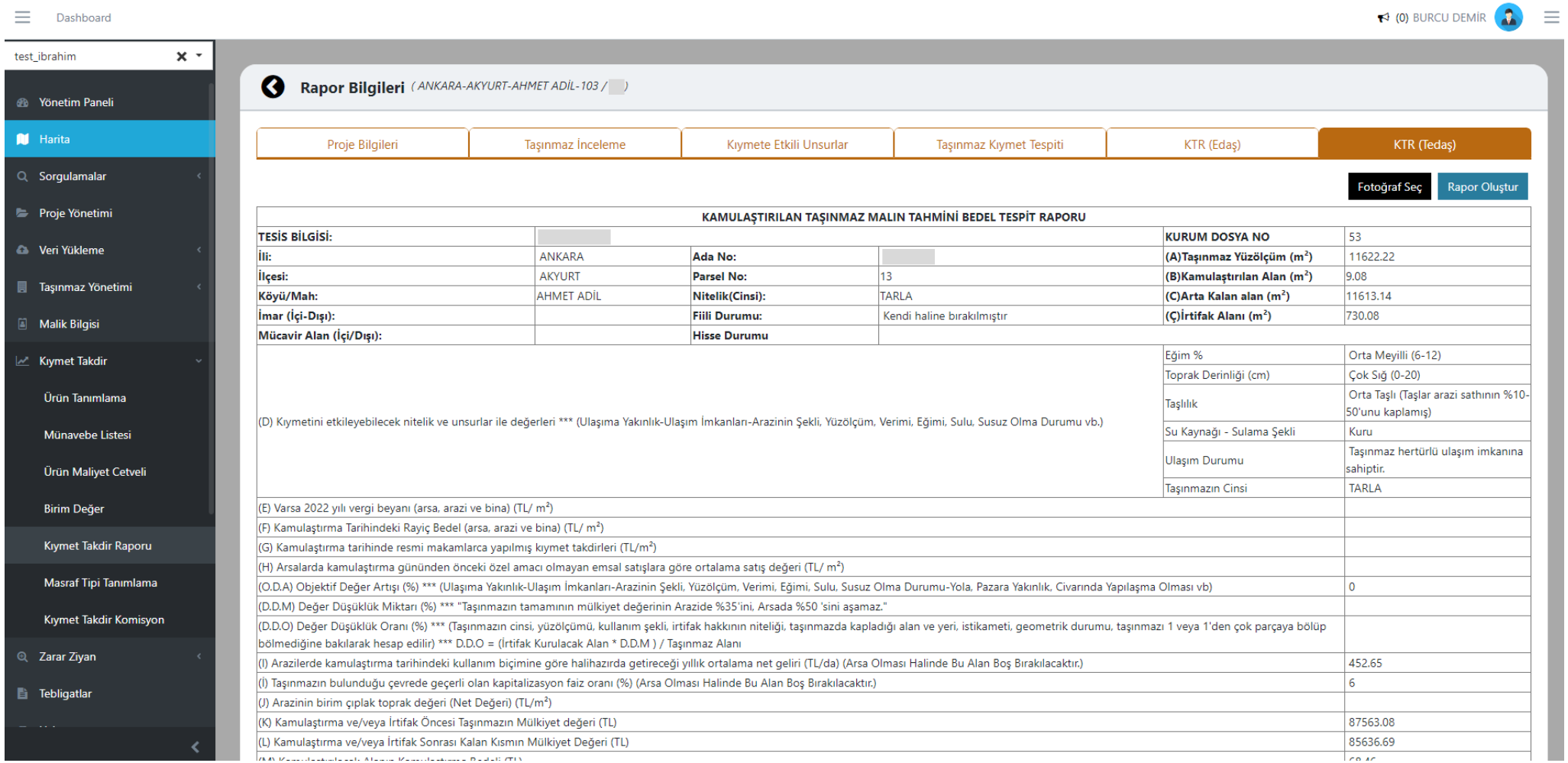
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SCREENSHOT EXAMPLES



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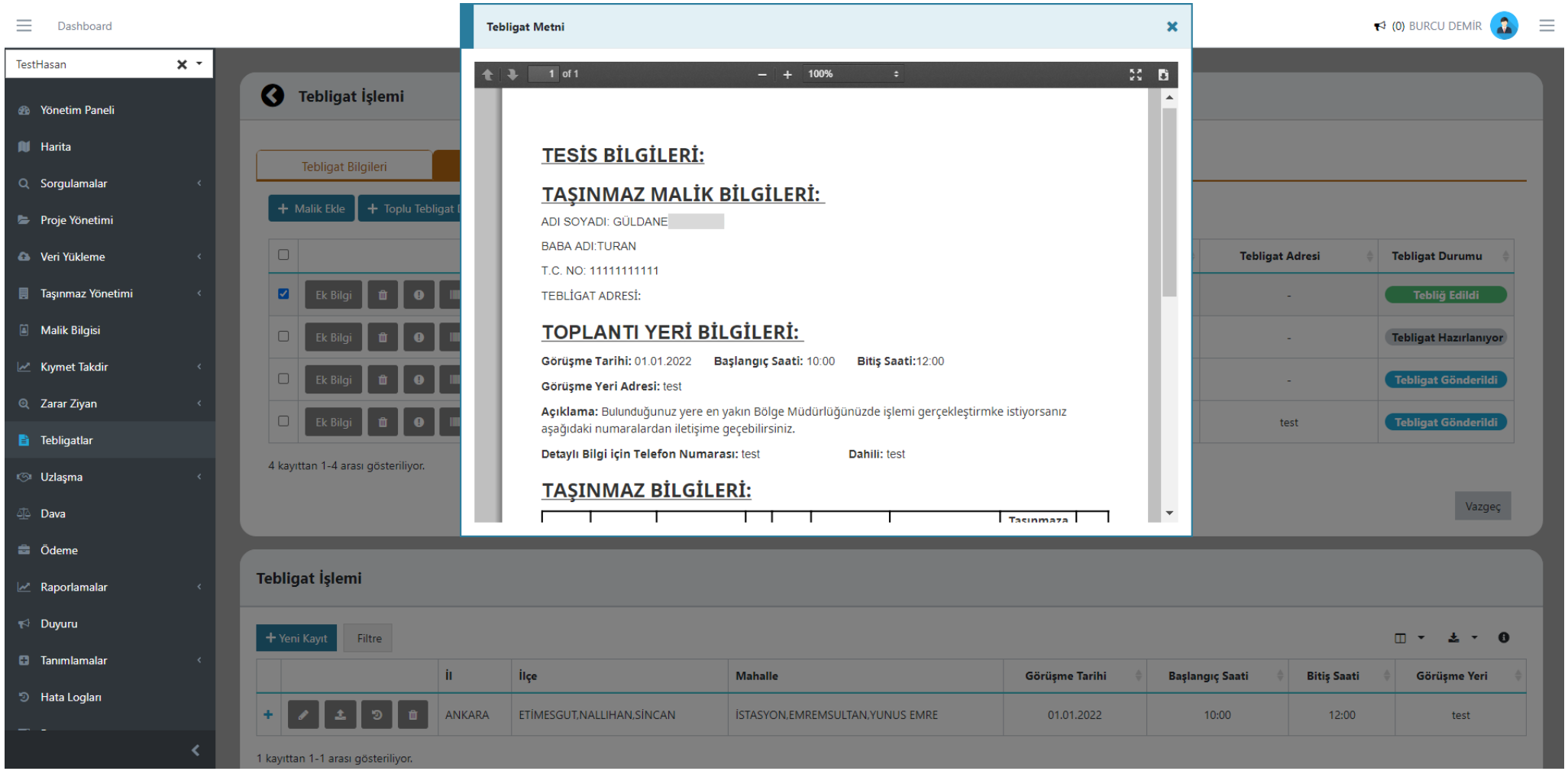
SCREENSHOT EXAMPLES



KAMULAŞTIRILAN TAŞINMAZ MALIN TAHMİNİ BEDEL TESPİT RAPORU					
TESİS BİLGİSİ:				**KURUM DOSYA NO**	53
İli:	ANKARA	**Ada No:**		**(A)Taşınmaz Yüzölçüm (m^2)**	11622.22
İlçesi:	AKYURT	**Parsel No:**	13	**(B)Kamulaştırılan Alan (m^2)**	9.08
Köyü/Mah:	AHMET ADİL	**Nitelik(Cinsi):**	TARLA	**(C)Arta Kalan alan (m^2)**	11613.14
İmar (İçi-Dışı):		**Fiili Durumu:**	Kendi haline bırakılmıştır	**(Ç)İrtifak Alanı (m^2)**	730.08
Mücavir Alan (İçi/Dışı):		**Hisse Durumu**			
(D) Kıymetini etkileyebilecek nitelik ve unsurlar ile değerleri *** (Ulaşıma Yakınlık-Ulaşım İmkanları-Arazinin Şekli, Yüzölçüm, Verimi, Eğimi, Sulu, Susuz Olma Durumu vb.)				Eğim %	Orta Meyilli (6-12)
				Toprak Derinliği (cm)	Çok Sığ (0-20)
				Taşlılık	Orta Taşlı (Taşlar arazi sathının %10-50'unu kaplamış)
				Su Kaynağı - Sulama Şekli	Kuru
				Ulaşım Durumu	Taşınmaz hertürlü ulaşım imkanına sahiptir.
				Taşınmazın Cinsi	TARLA
(E) Varsa 2022 yılı vergi beyanı (arsa, arazi ve bina) (TL/ m^2)					
(F) Kamulaştırma Tarihindeki Rayiç Bedel (arsa, arazi ve bina) (TL/ m^2)					
(G) Kamulaştırma tarihinde resmi makamlarca yapılmış kıymet takdirleri (TL/m^2)					
(H) Arsalarda kamulaştırma gününden önceki özel amacı olmayan emsal satışlara göre ortalama satış değeri (TL/ m^2)					
(O.D.A) Objektif Değer Artışı (%) *** (Ulaşıma Yakınlık-Ulaşım İmkanları-Arazinin Şekli, Yüzölçüm, Verimi, Eğimi, Sulu, Susuz Olma Durumu-Yola, Pazara Yakınlık, Civarında Yapılaşma Olması vb)					0
(D.D.M) Değer Düşüklük Miktarı (%) *** "Taşınmazın tamamının mülkiyet değerinin Arazide %35'ini, Arsada %50 'sini aşamaz."					
(D.D.O) Değer Düşüklük Oranı (%) *** (Taşınmazın cinsi, yüzölçümü, kullanım şekli, irtifak hakkının niteliği, taşınmazda kapladığı alan ve yeri, istikameti, geometrik durumu, taşınmazı 1 veya 1'den çok parçaya bölüp bölmediğine bakılarak hesap edilir) *** D.D.O = (İrtifak Kurulacak Alan * D.D.M) / Taşınmaz Alanı					
(I) Arazilerde kamulaştırma tarihindeki kullanım biçimine göre halihazırda getireceği yıllık ortalama net geliri (TL/da) (Arsa Olması Halinde Bu Alan Boş Bırakılacaktır.)					452.65
(I) Taşınmazın bulunduğu çevrede geçerli olan kapitalizasyon faiz oranı (%) (Arsa Olması Halinde Bu Alan Boş Bırakılacaktır.)					6
(J) Arazinin birim çıplak toprak değeri (Net Değeri) (TL/m^2)					
(K) Kamulaştırma ve/veya İrtifak Öncesi Taşınmazın Mülkiyet değeri (TL)					87563.08
(L) Kamulaştırma ve/veya İrtifak Sonrası Kalan Kısmın Mülkiyet Değeri (TL)					85636.69

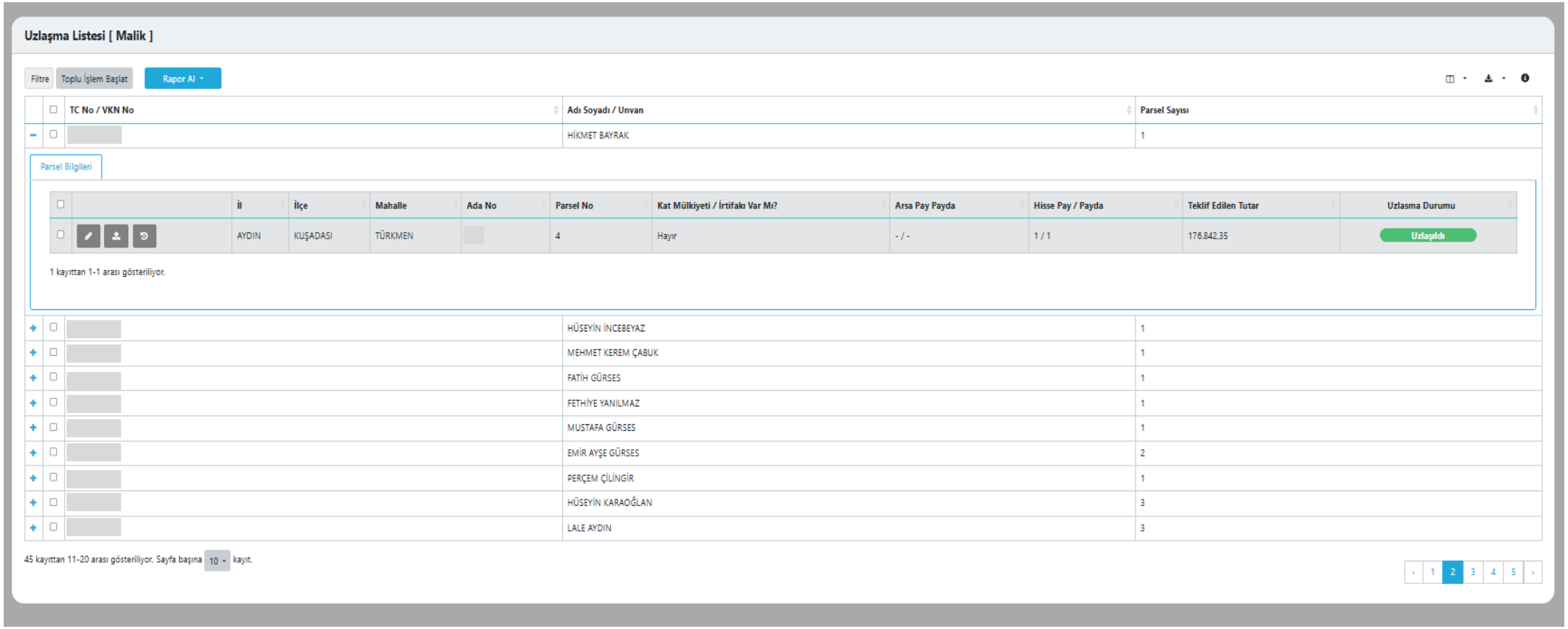
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SCREENSHOT EXAMPLES



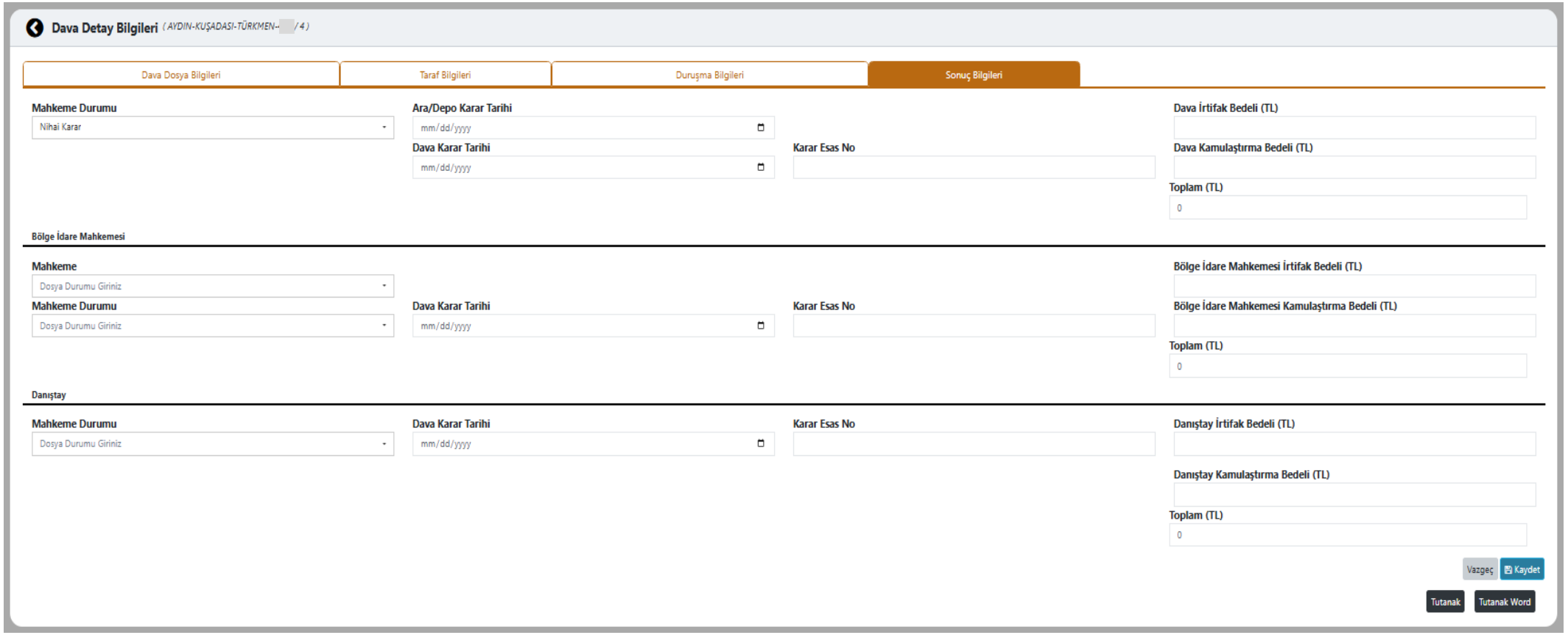
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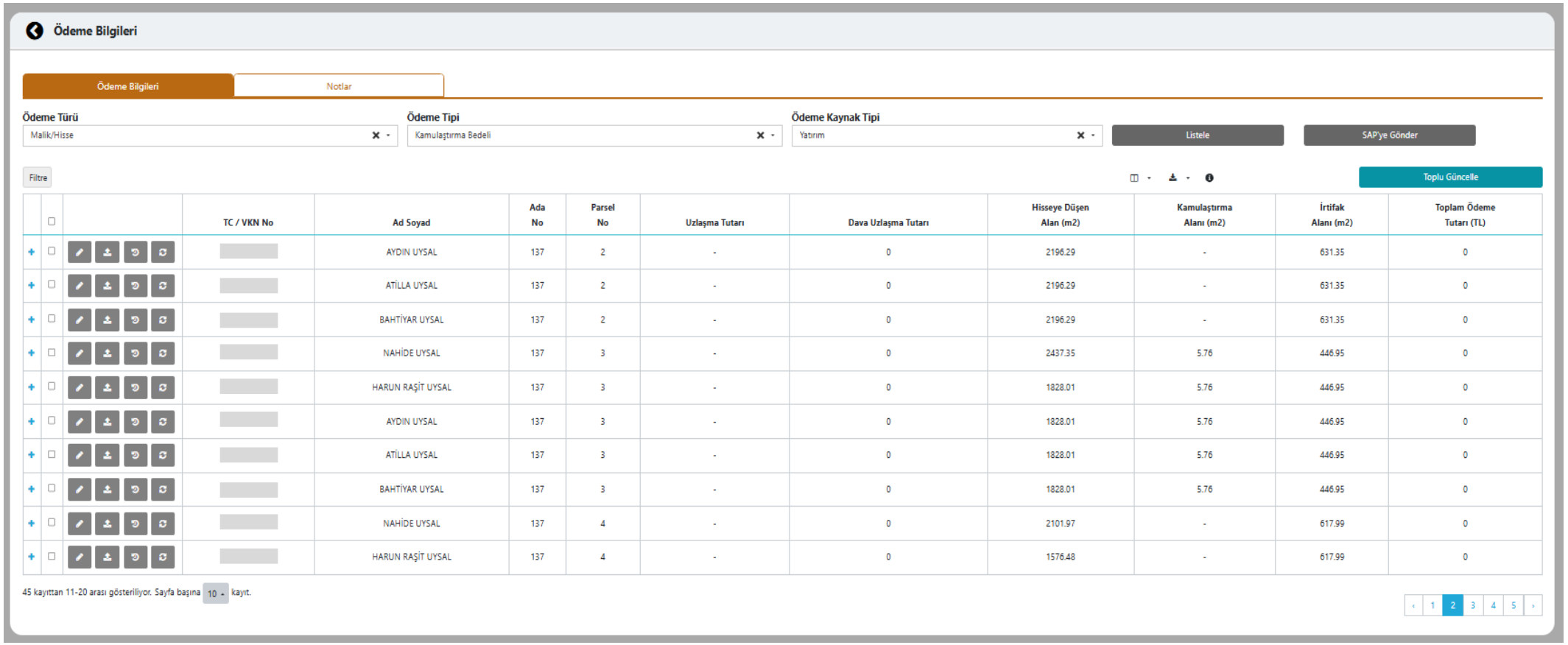
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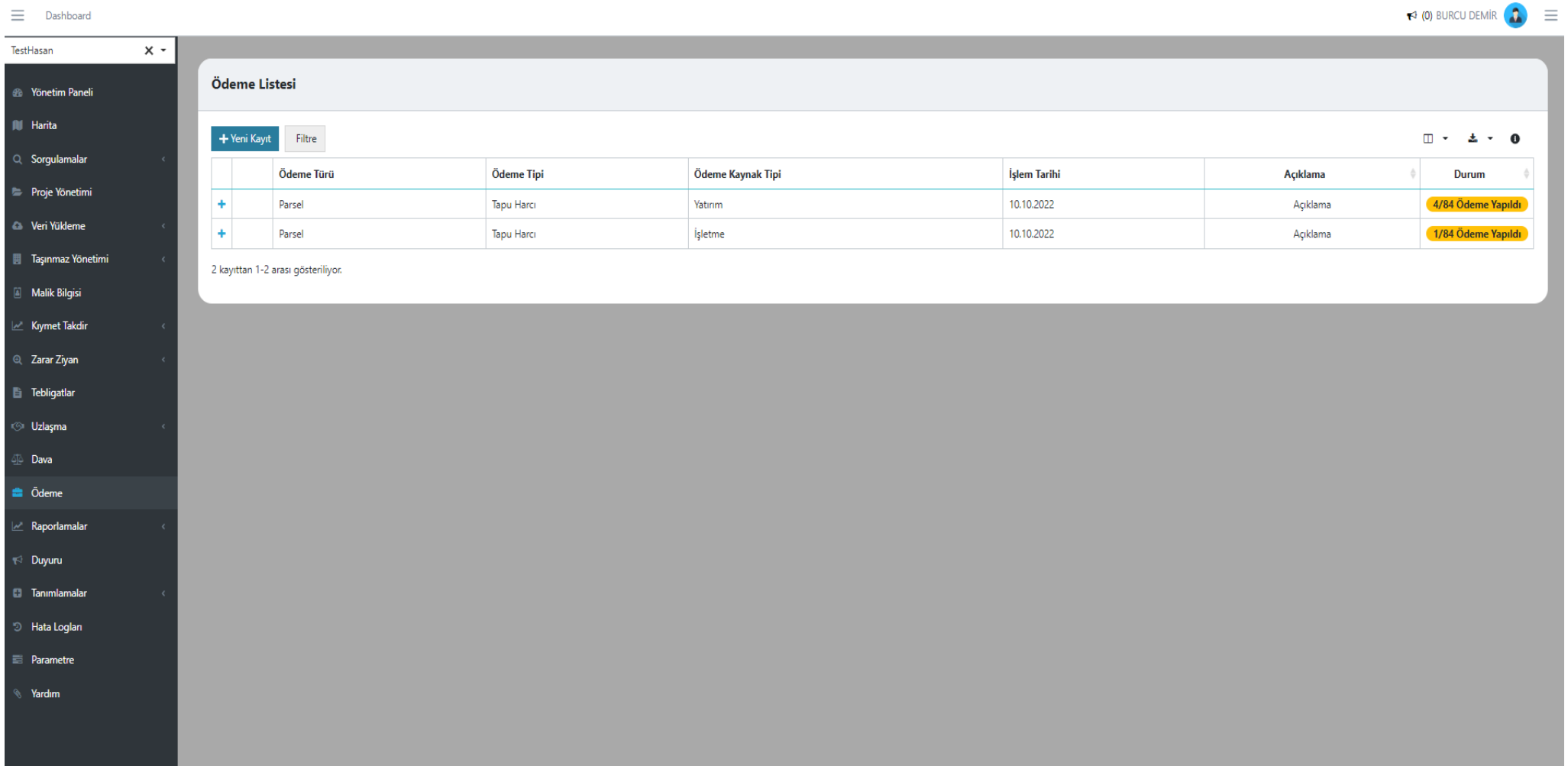
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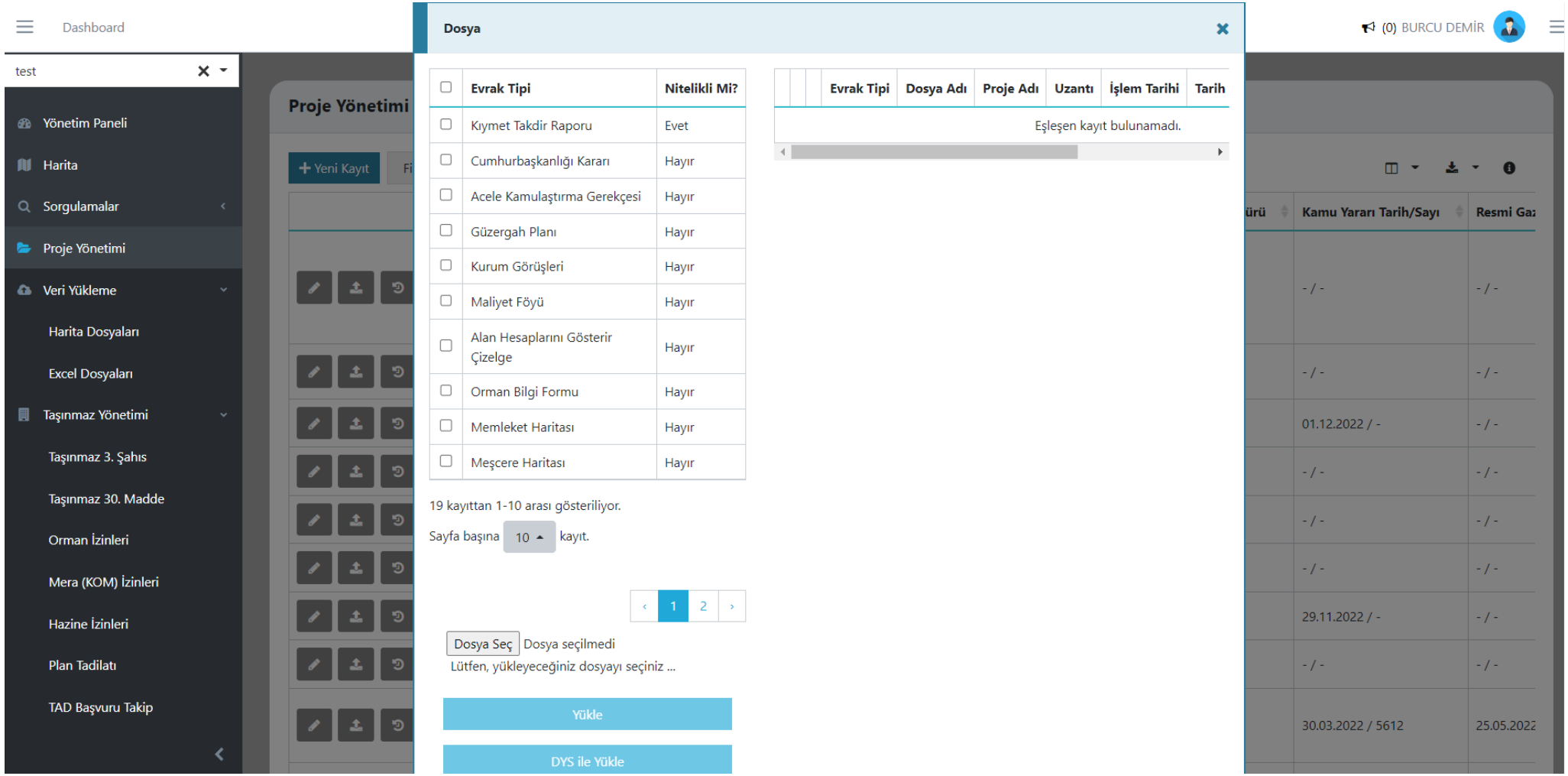
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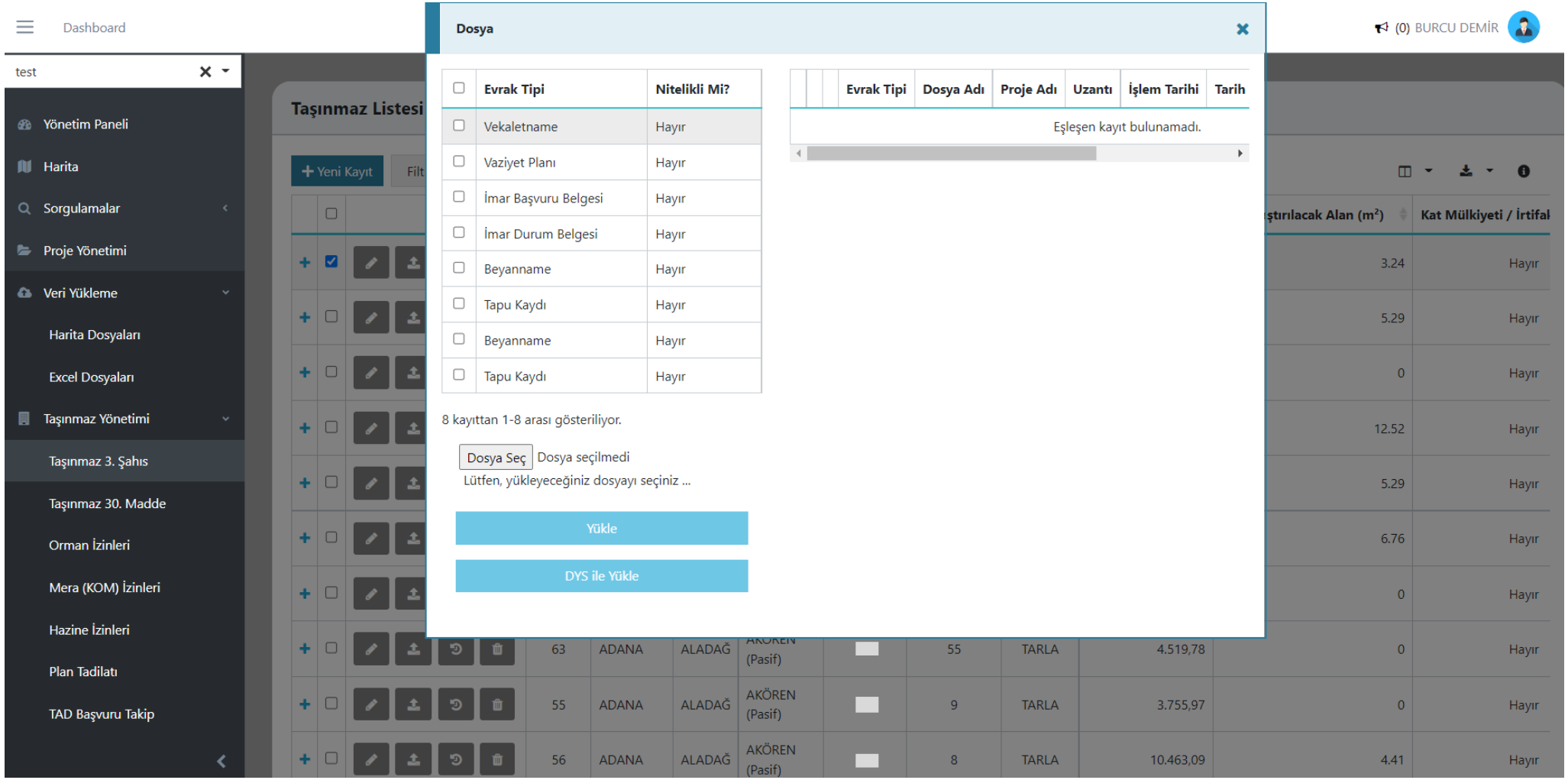
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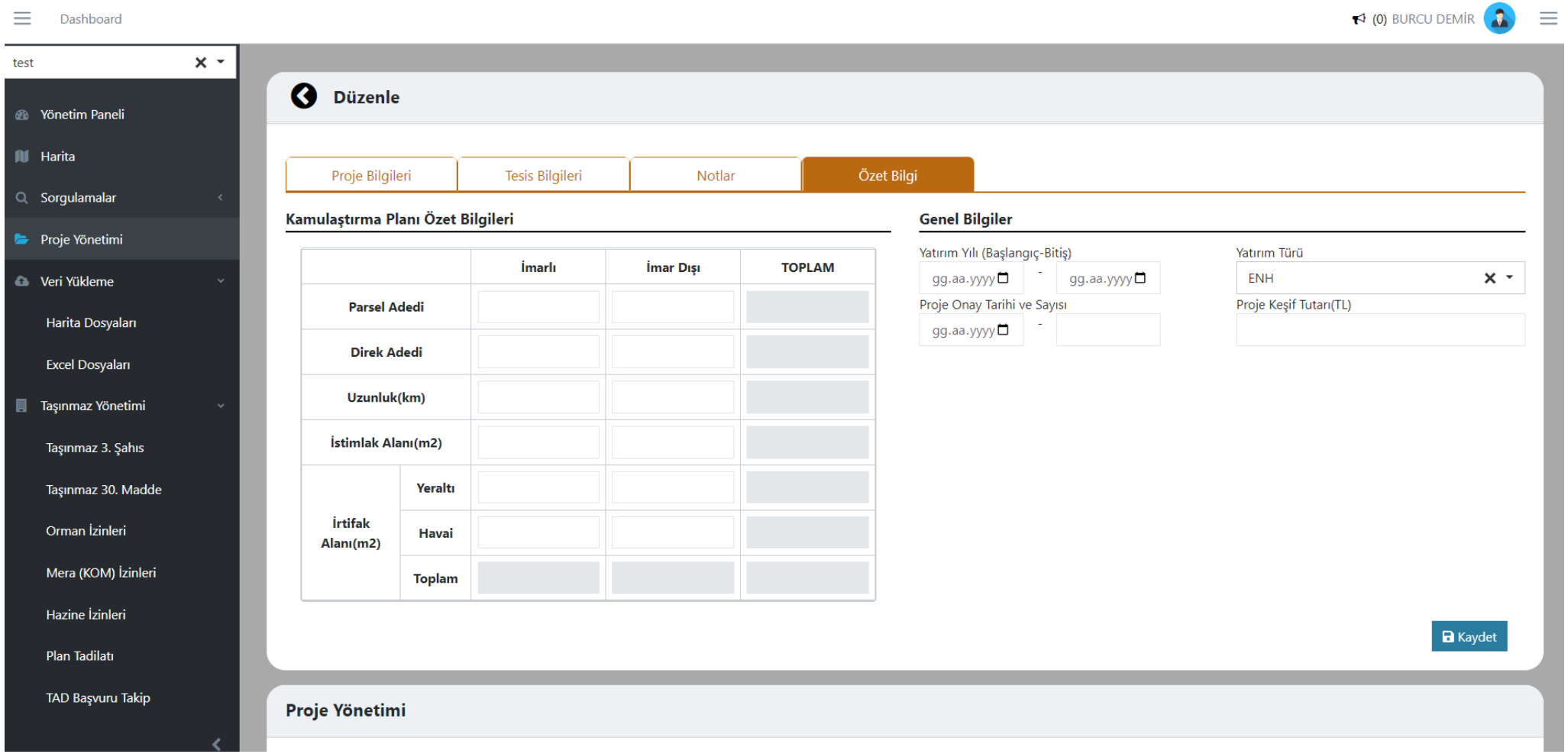
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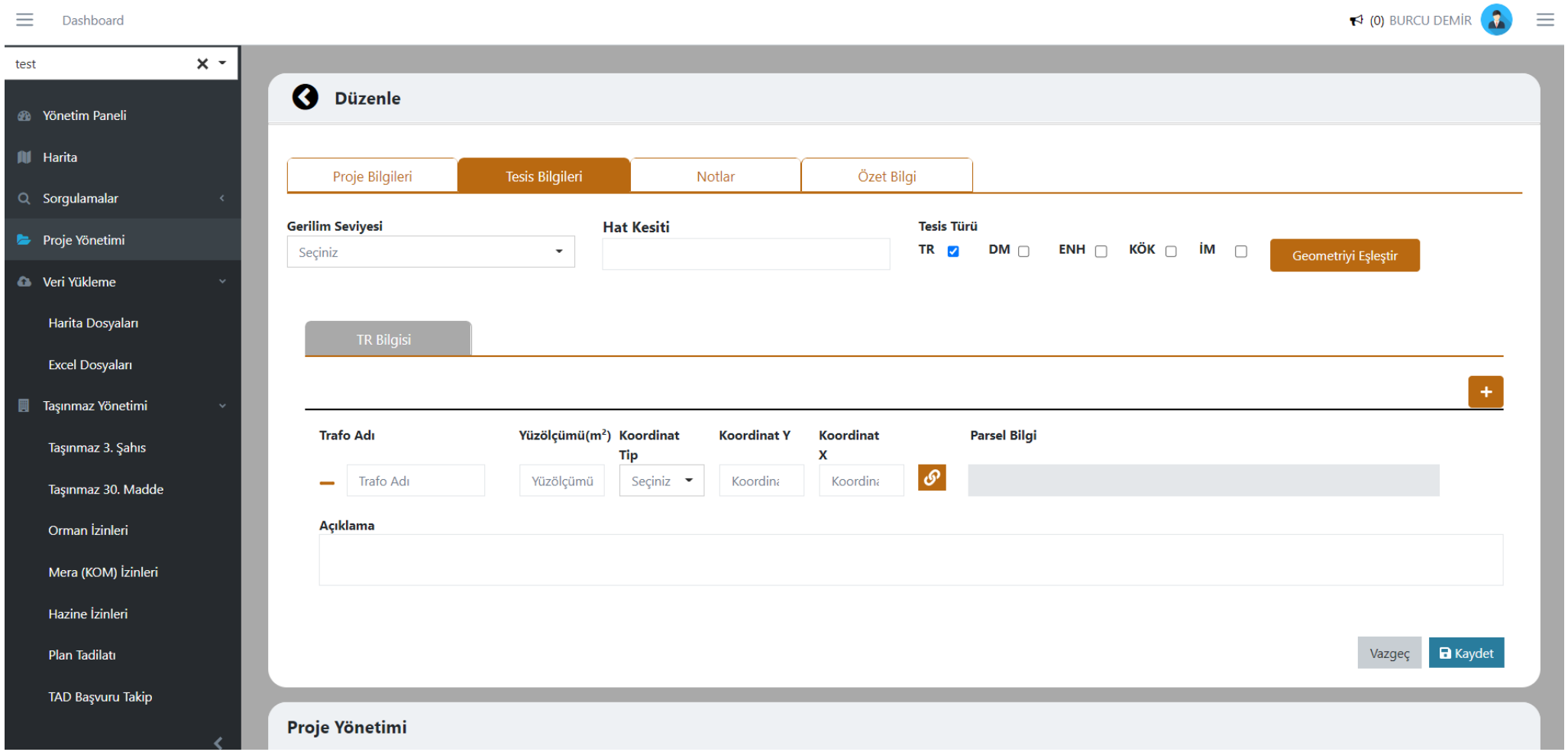
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SCREENSHOT EXAMPLES



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SCREENSHOT EXAMPLES





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