ODAKGIS | Public Sector and Local Government Solution

Inspiring The Community

OdakAYO

Address Management Automation

GIS-Centered Spatial Resource Planning

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What Is OdakAYO?

A GIS-based system developed in line with EU INSPIRE directive schemas, managing a country's or city's address management from end to end.

Address Management Automation is the foundation of all systems used in city management.
Alongside smart cities, zoning and permit management, city guides, urban planning, urban regeneration, postal and courier services, and social services, it helps reach individuals, families and businesses and manage their addresses.

Smart Address Solutions Aligned with Standards



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USERS



Public Institutions and Agencies

Municipal Zoning, Address Numbering and Property Departments

Drinking Water and Wastewater Departments

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BENEFITS

- Provides access to locations
- Saves public resources
- Standardizes addresses and maintains those standards
- Tracks population movements
- Supports national and regional urban management policies
- Supports reliable operation of city information systems built on it
- Enables detailed address-based analysis for urban planning decisions.
- Maintains accurate, current property and entitlement information in urban regeneration projects.



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SYSTEM FEATURES

Flexible architecture supporting new technologies



All processes are geographically referenced.

Integrates with e-government systems MAKS, TAKBIS, MERNIS and VEDOP.

Open-source architecture

Web-based and compliant with relevant international standards

Generate all reports within the system. Monitor service usage through detailed logs and consumption dashboards.

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INTEGRATIONS

TAKBİS

• Live land registry and cadastral data access

MERNİS

• Live population data access
• Turkish ID verification
• Address verification

MAKS

• Fully compatible with MAKS



E-SIGNATURE

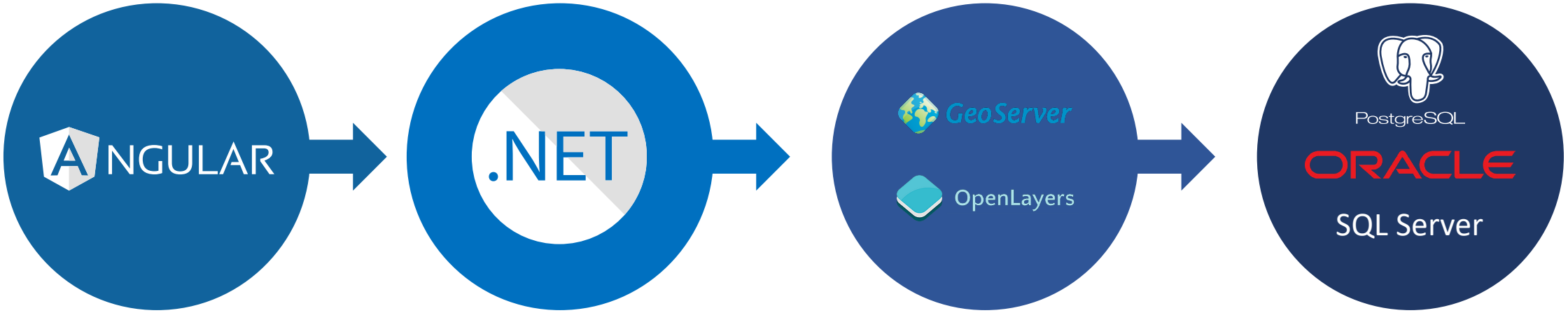
• Electronic document approval and signing infrastructure

EBYS

• Integration with the institution's Electronic Document Management System

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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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CORE FEATURES

- Administrative Unit Operations
- Parcel Operations
- Service Unit Operations
- Address Sign Operations



- Road Operations
- Building Operations
- Independent Unit Operations
- Work Tracking

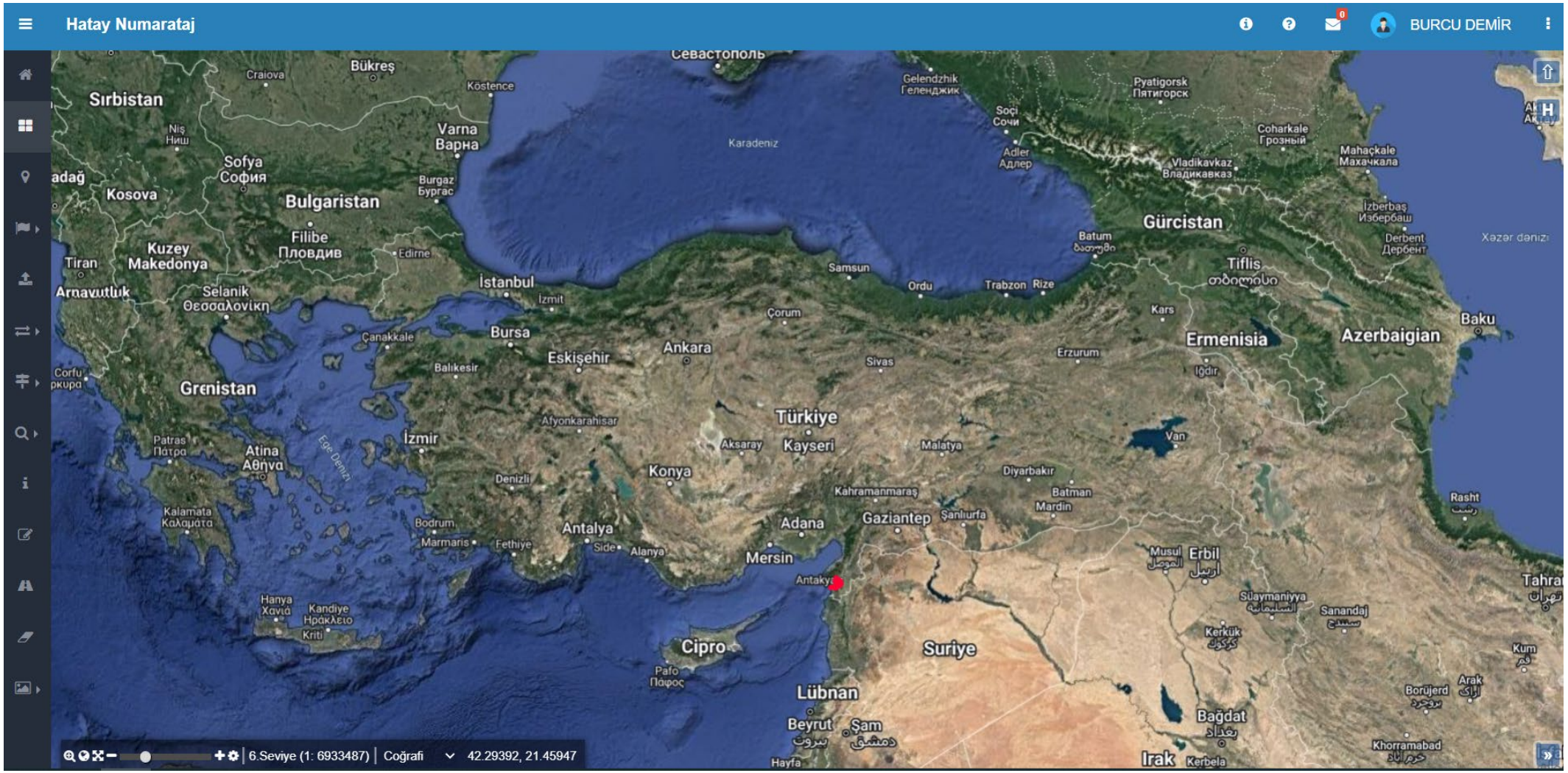
Address Management Automation

SCREENSHOTS

EXAMPLES

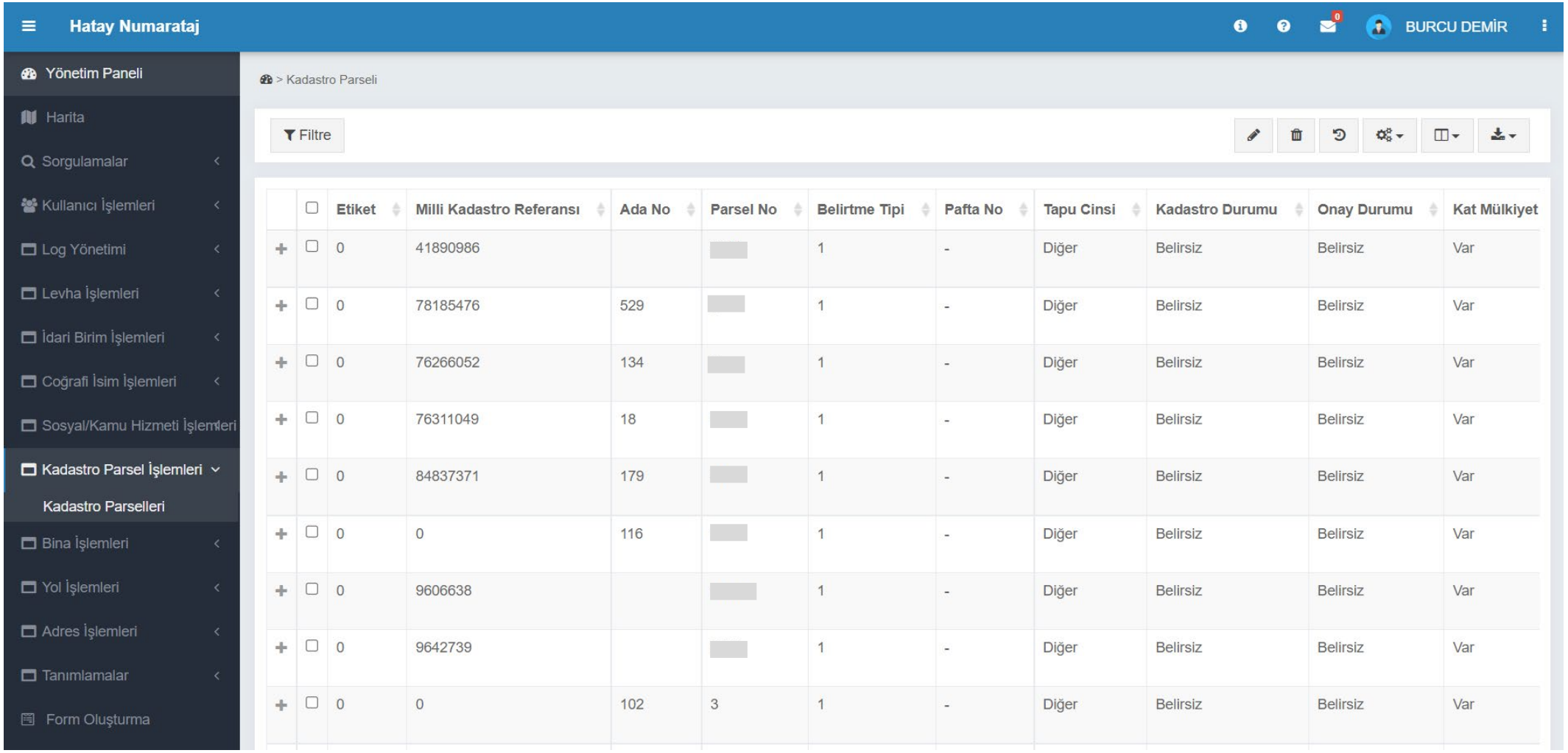
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SCREENSHOT EXAMPLES



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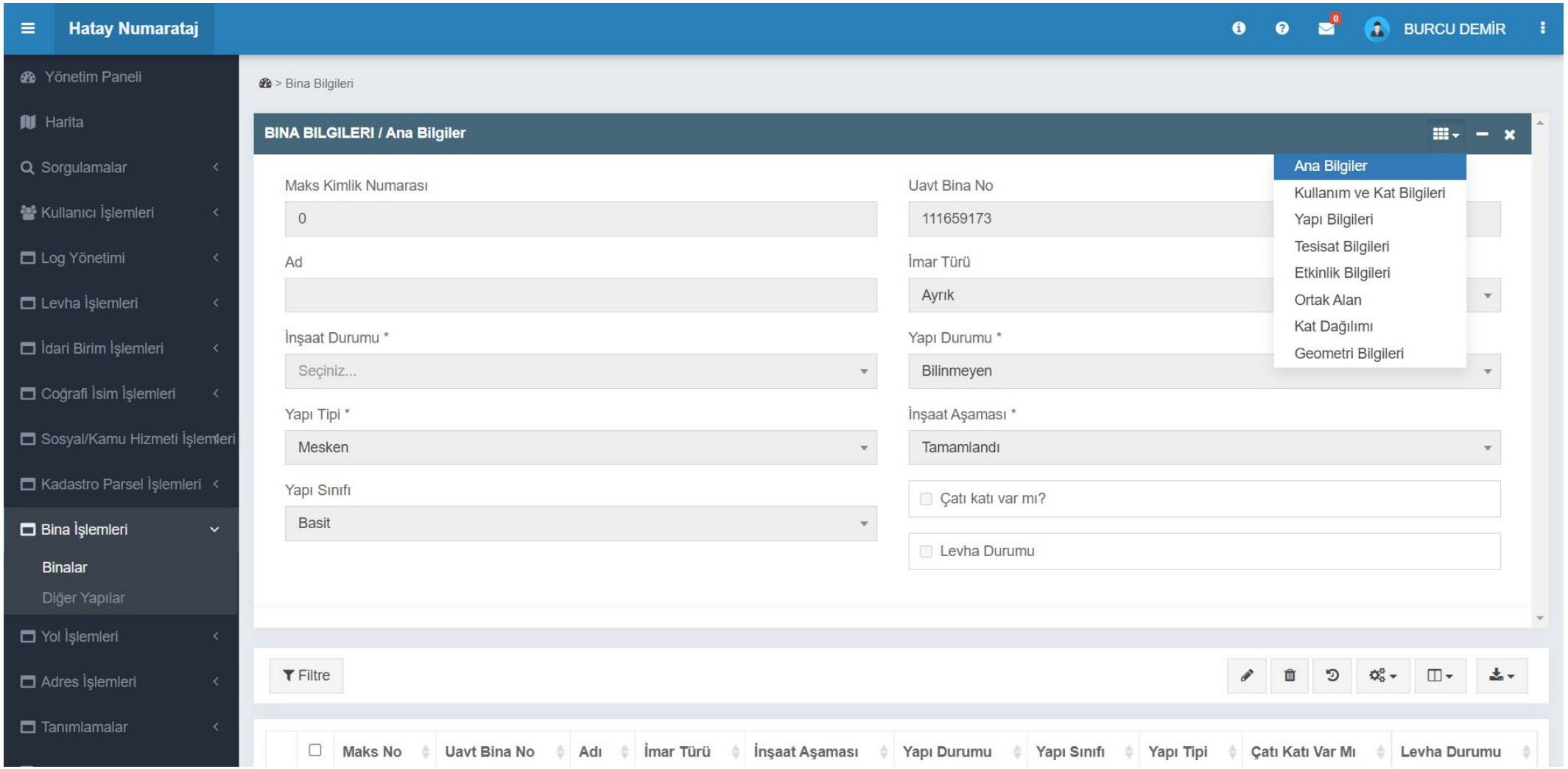
SCREENSHOT EXAMPLES



Etiket	Milli Kadastro Referansı	Ada No	Parsel No	Belirtme Tipi	Pafta No	Tapu Cinsi	Kadastro Durumu	Onay Durumu	Kat Mülkiyet
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0	78185476	529		1	-	Diğer	Belirsiz	Belirsiz	Var
0	76266052	134		1	-	Diğer	Belirsiz	Belirsiz	Var
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0	84837371	179		1	-	Diğer	Belirsiz	Belirsiz	Var
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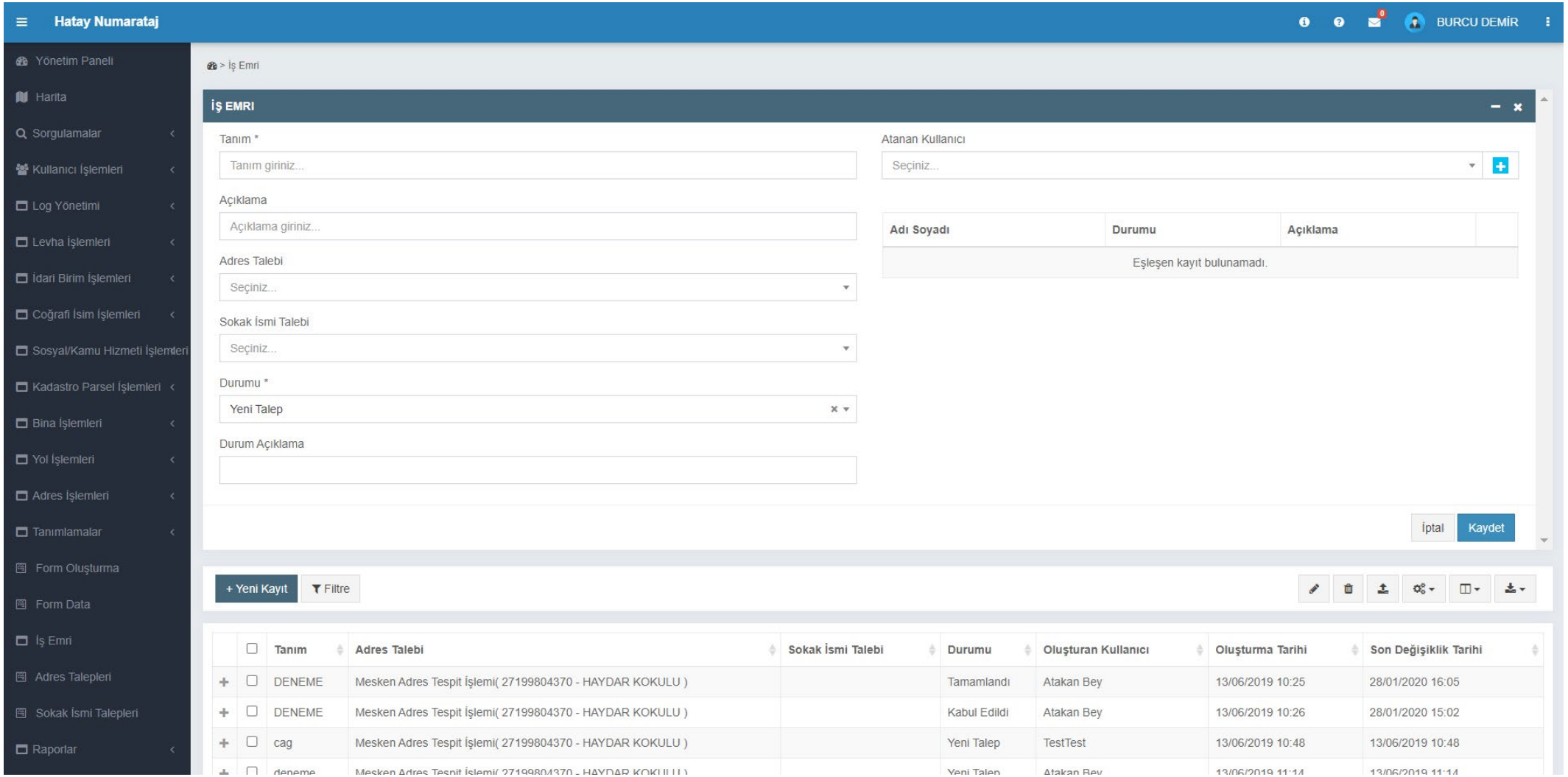
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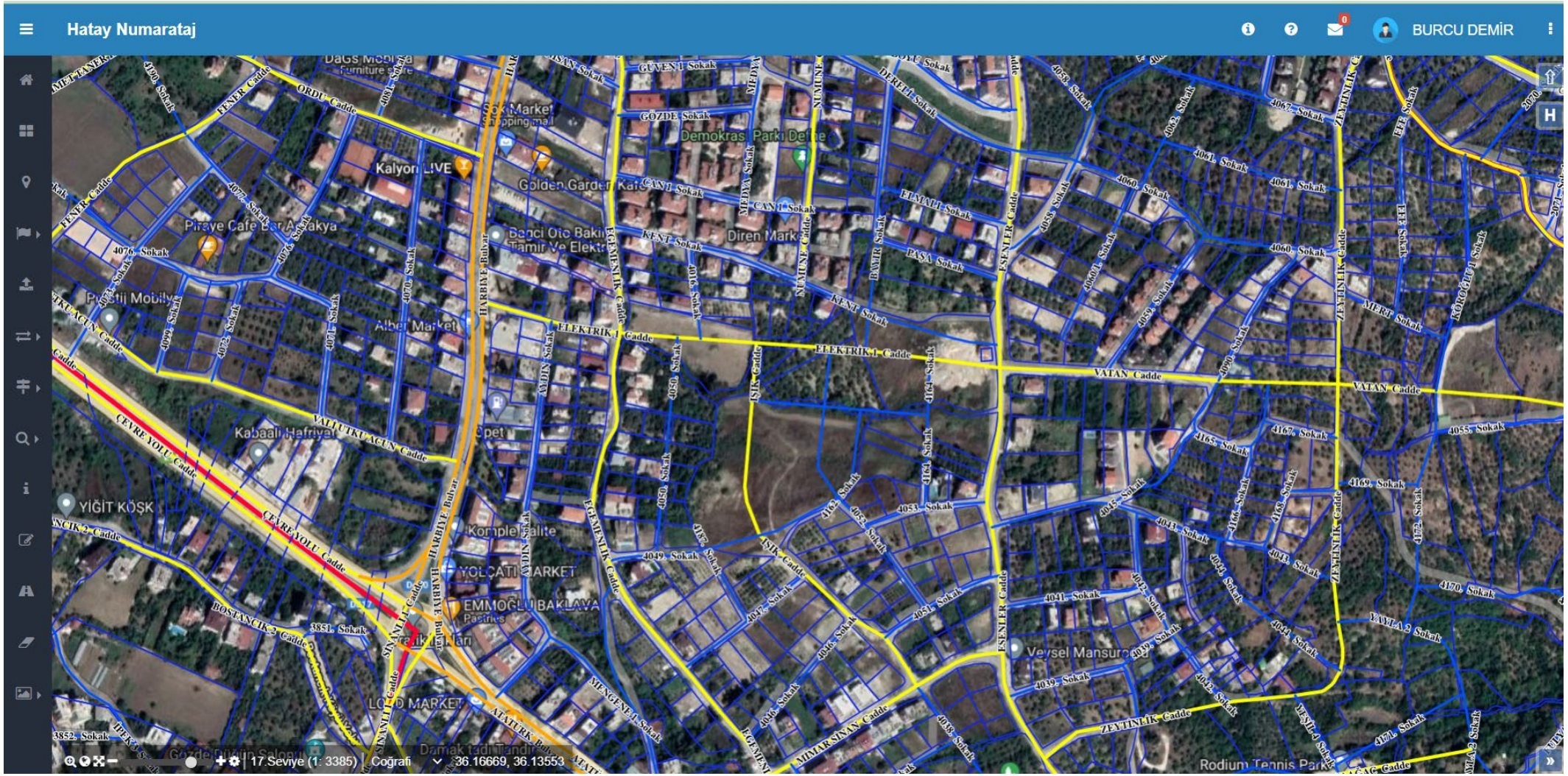
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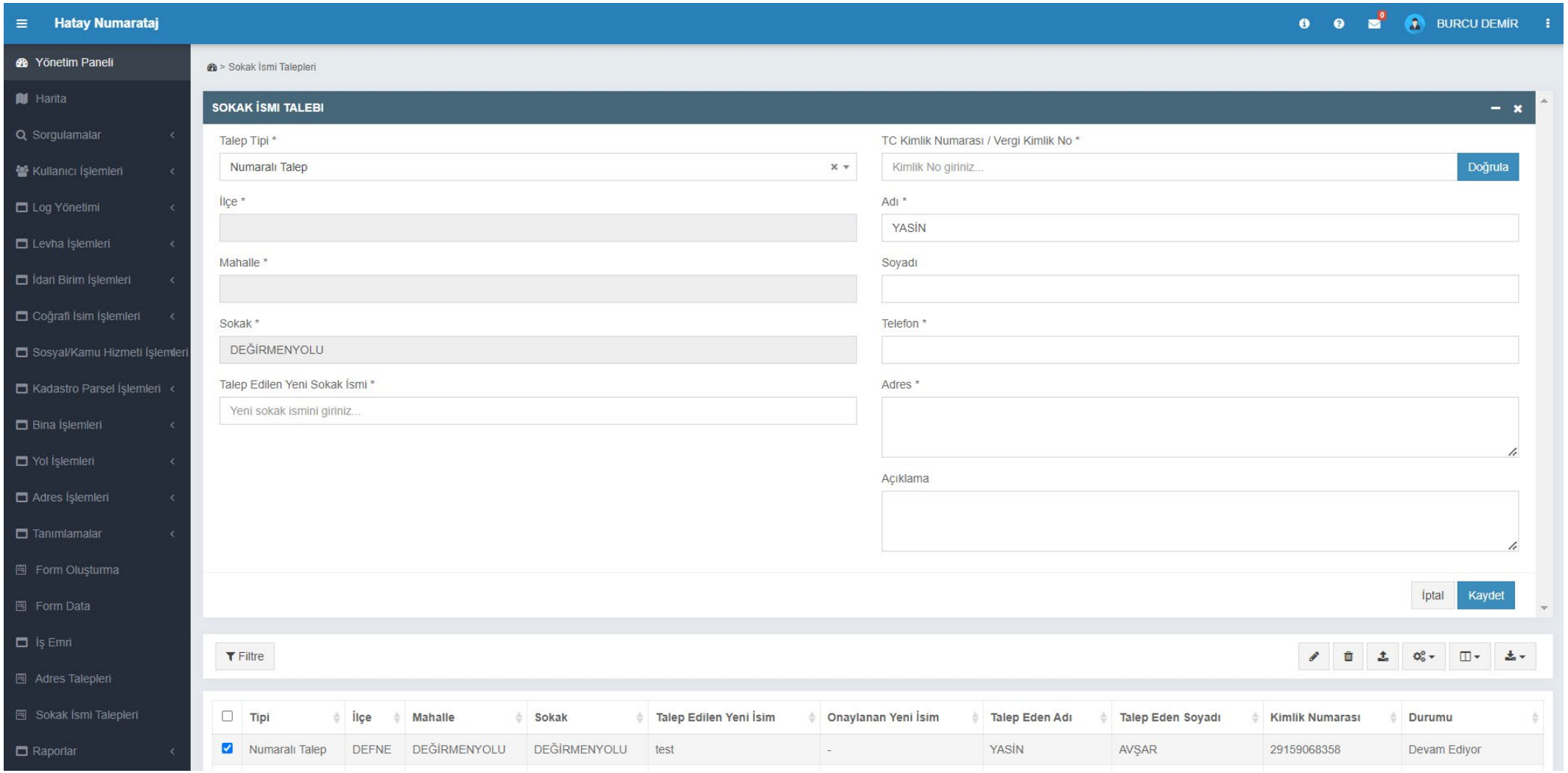
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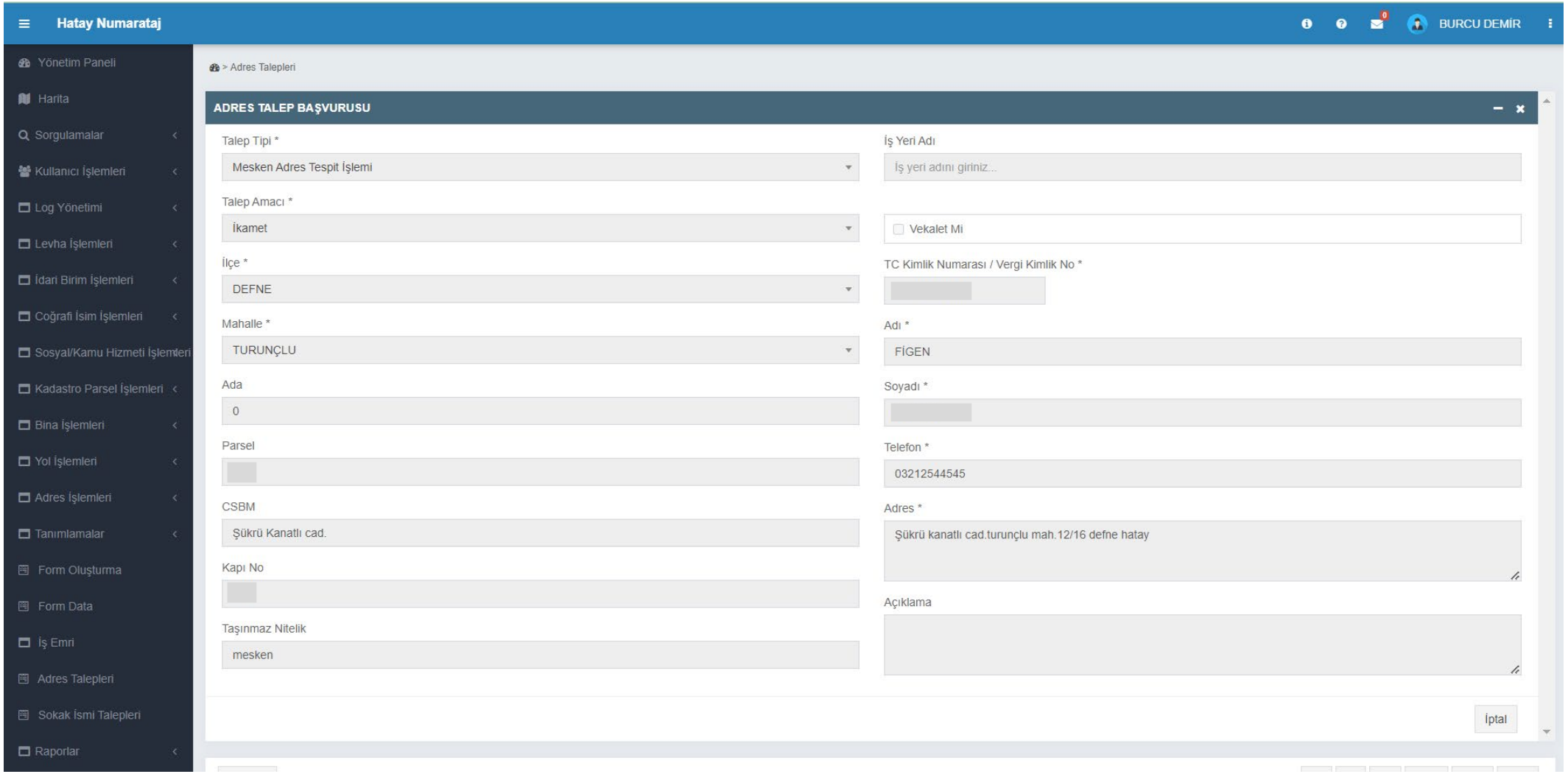
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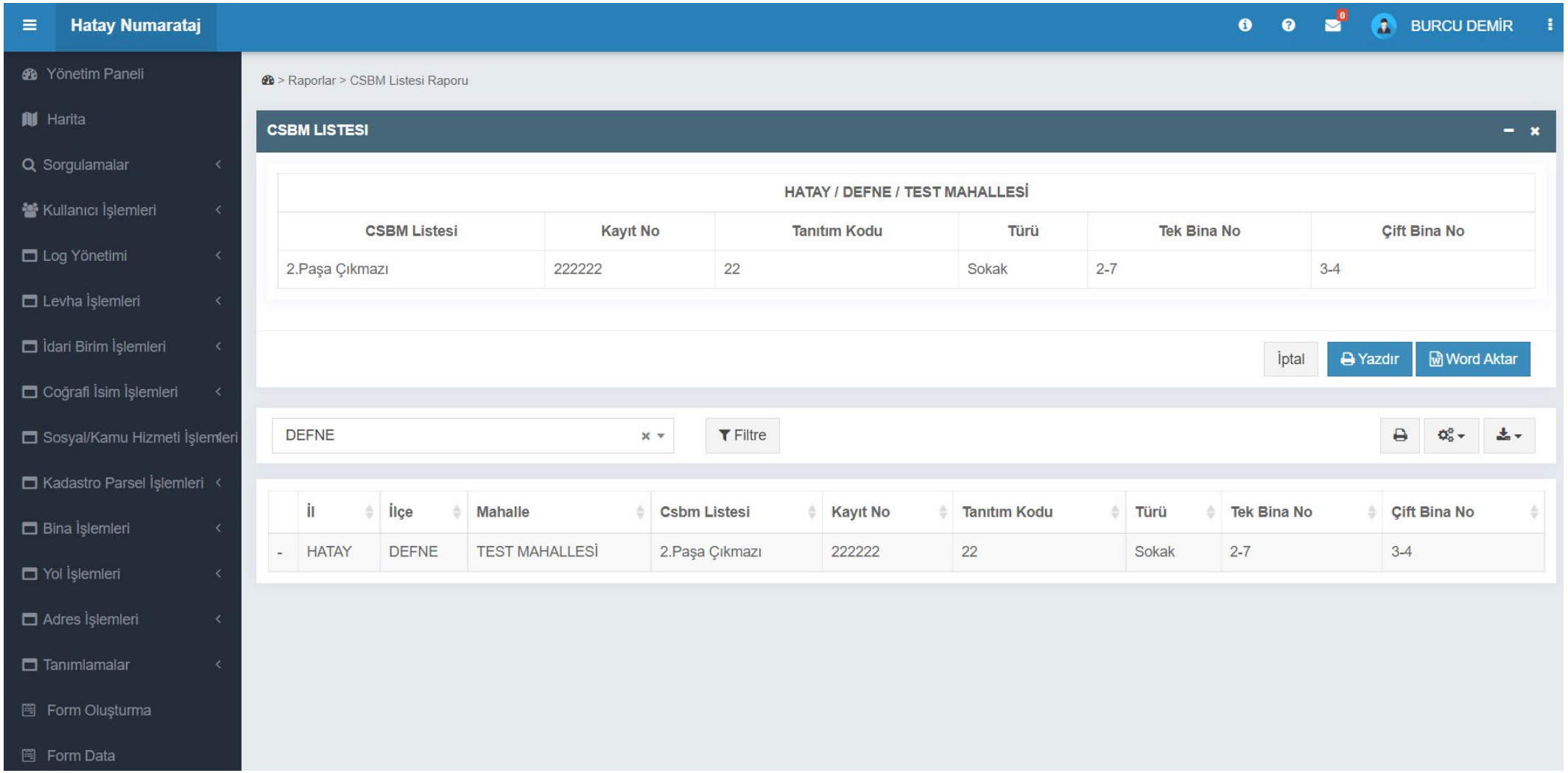
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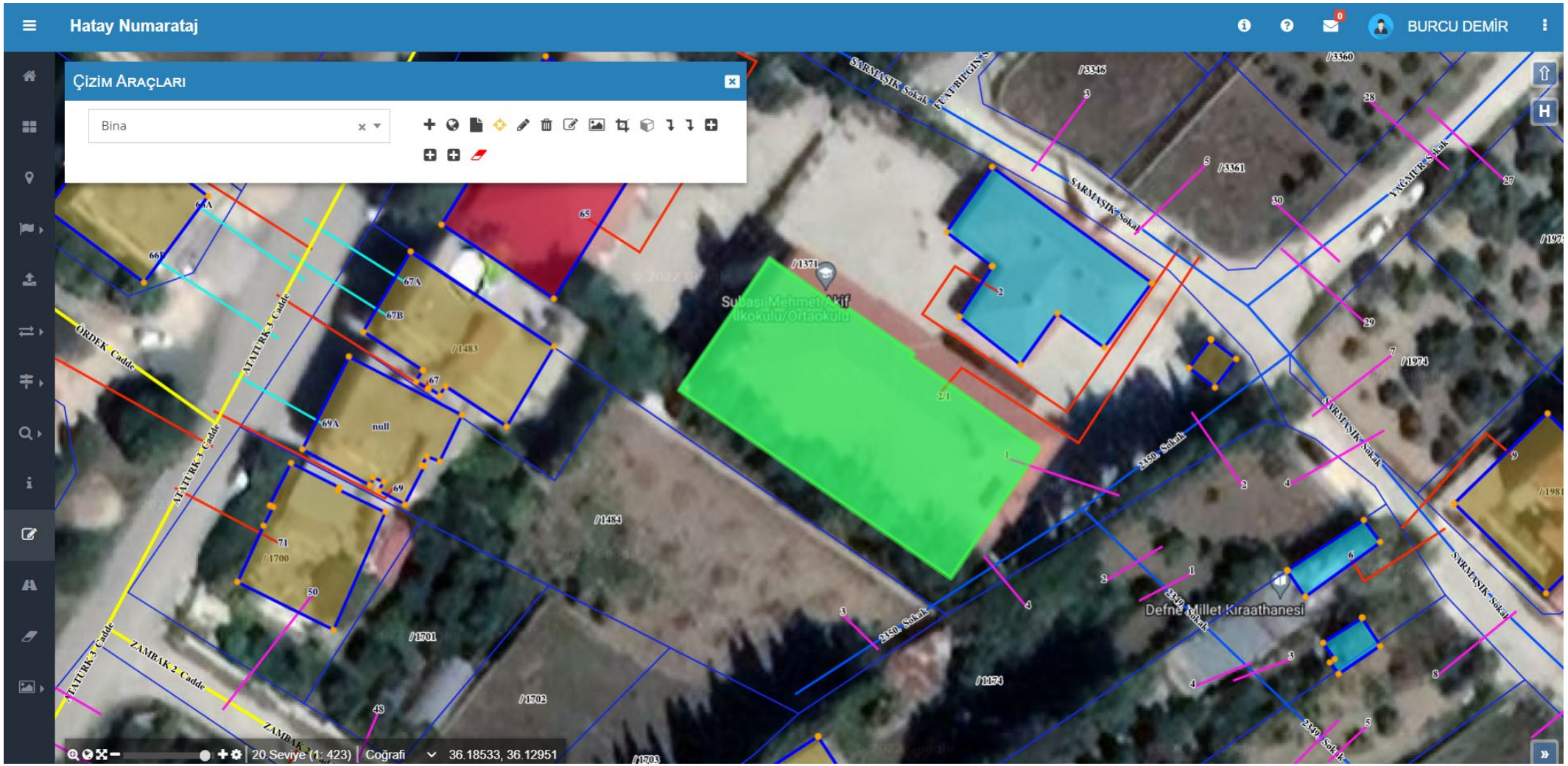
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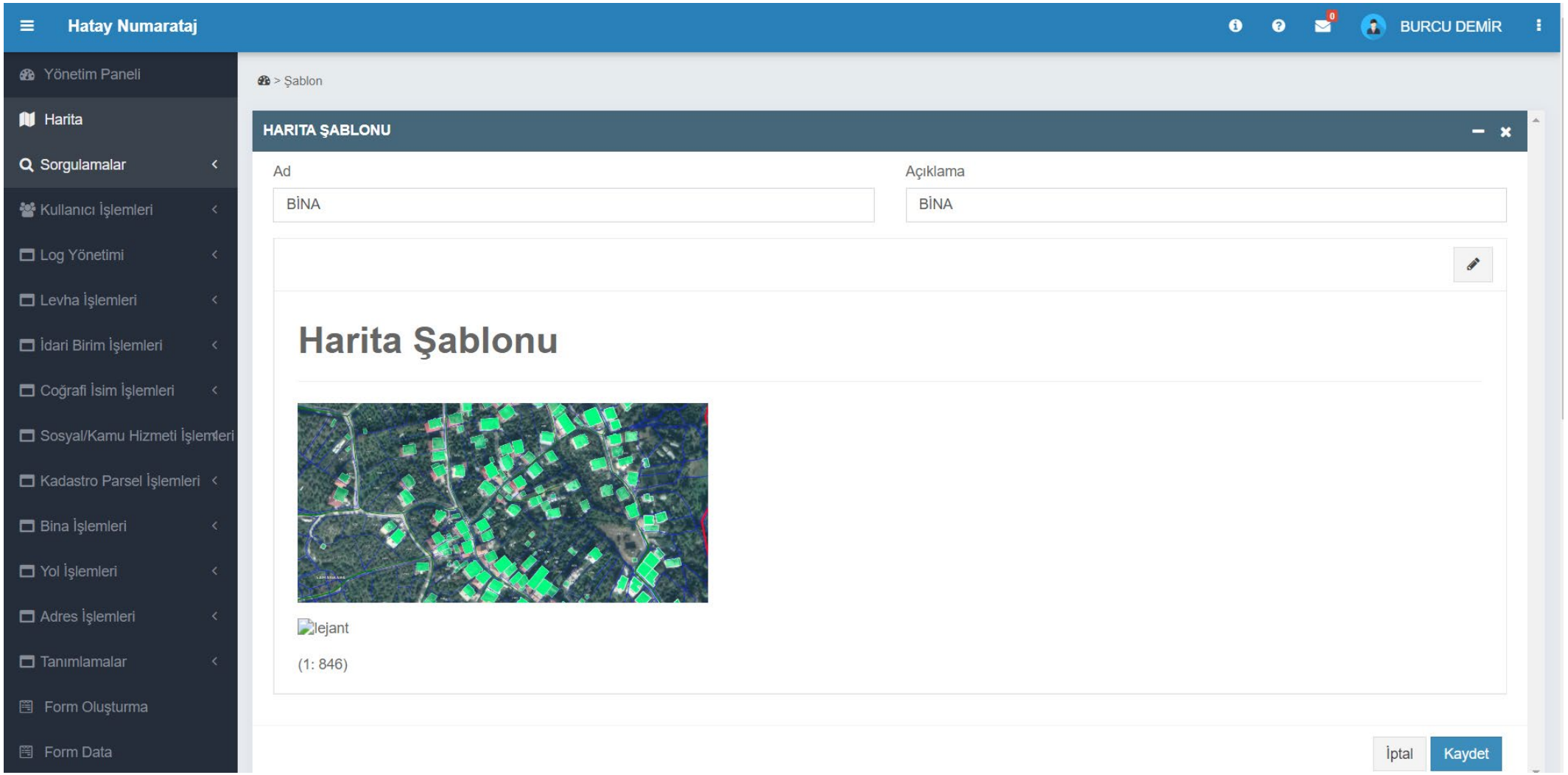
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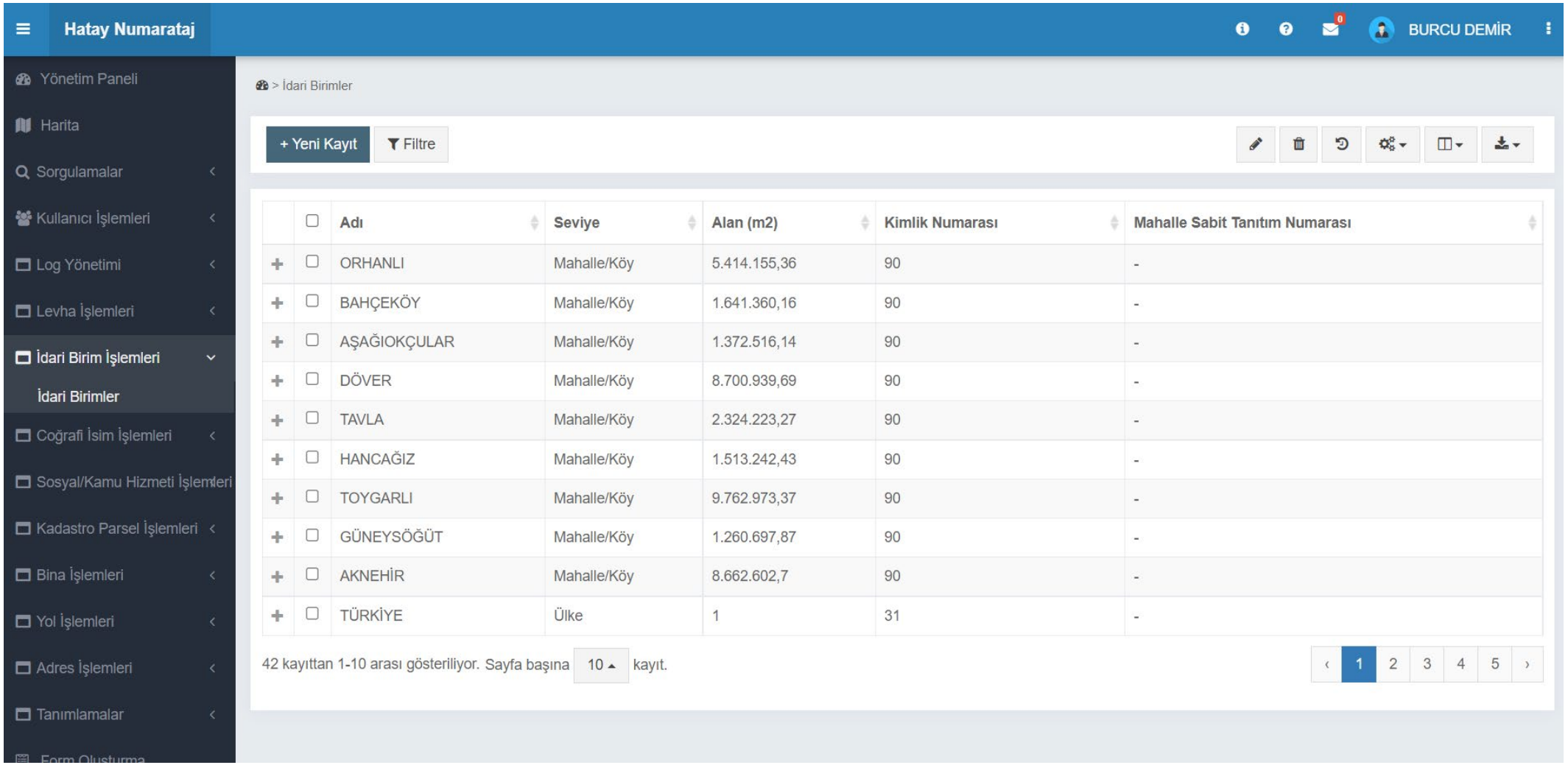
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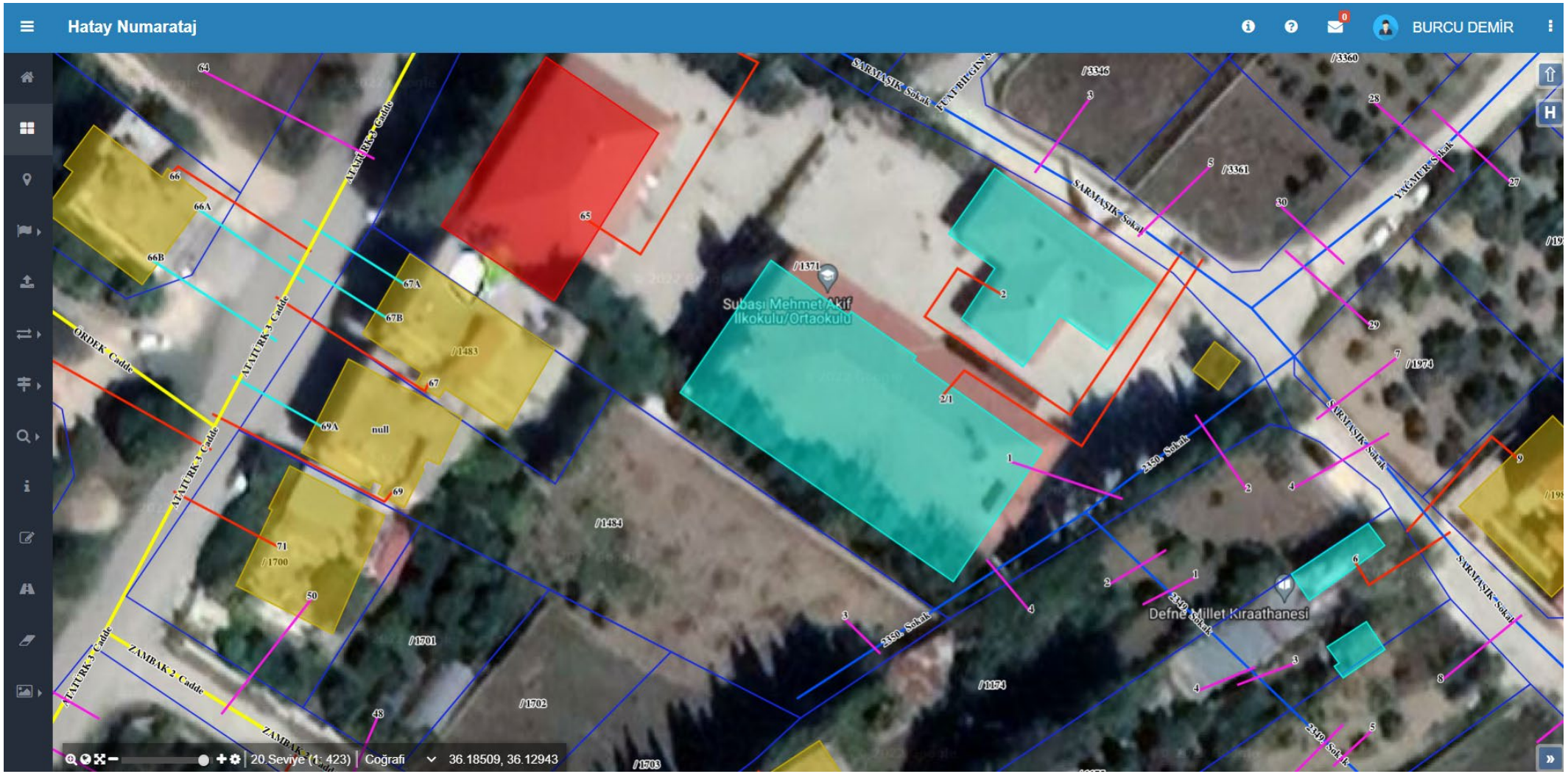
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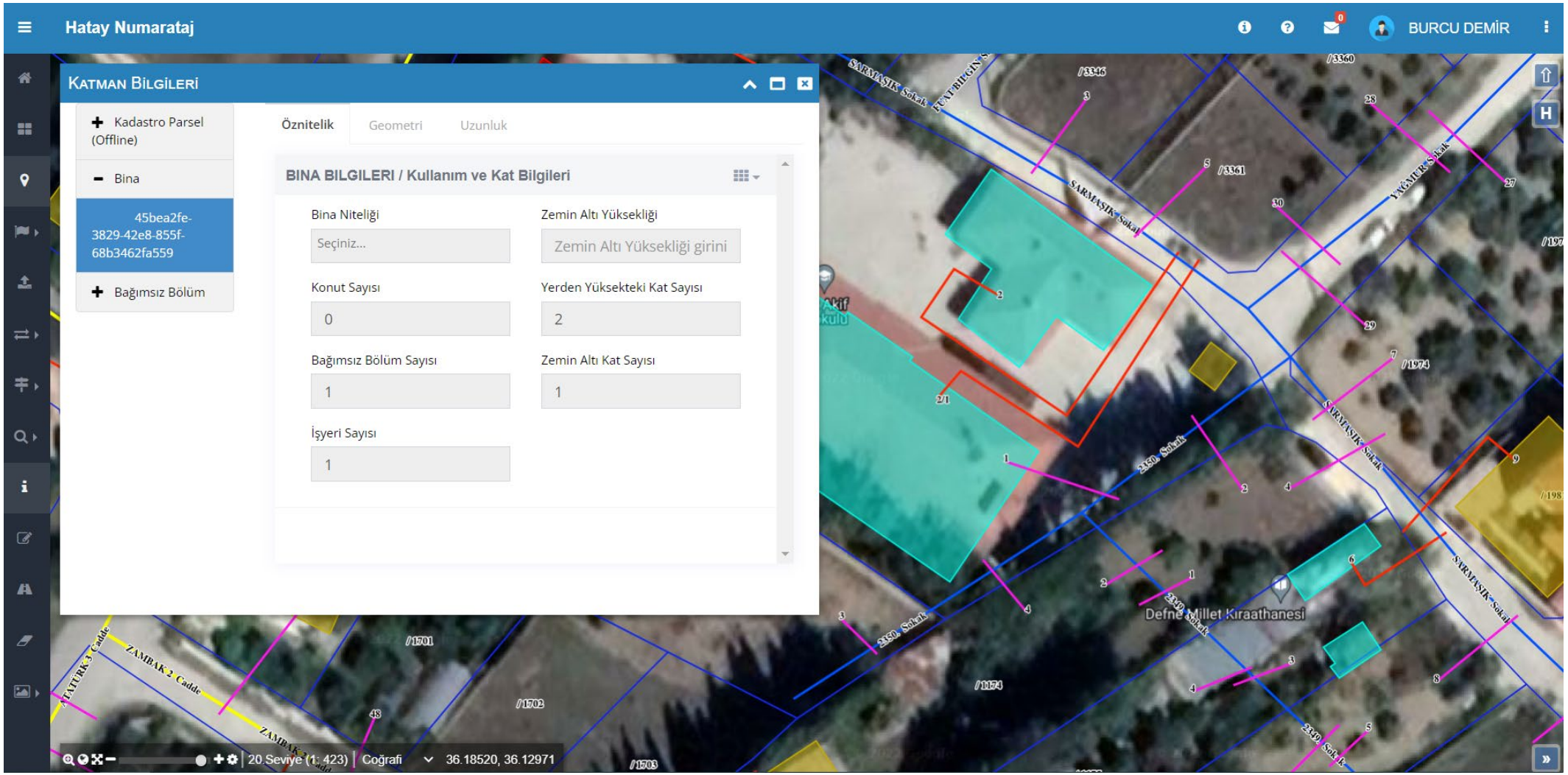
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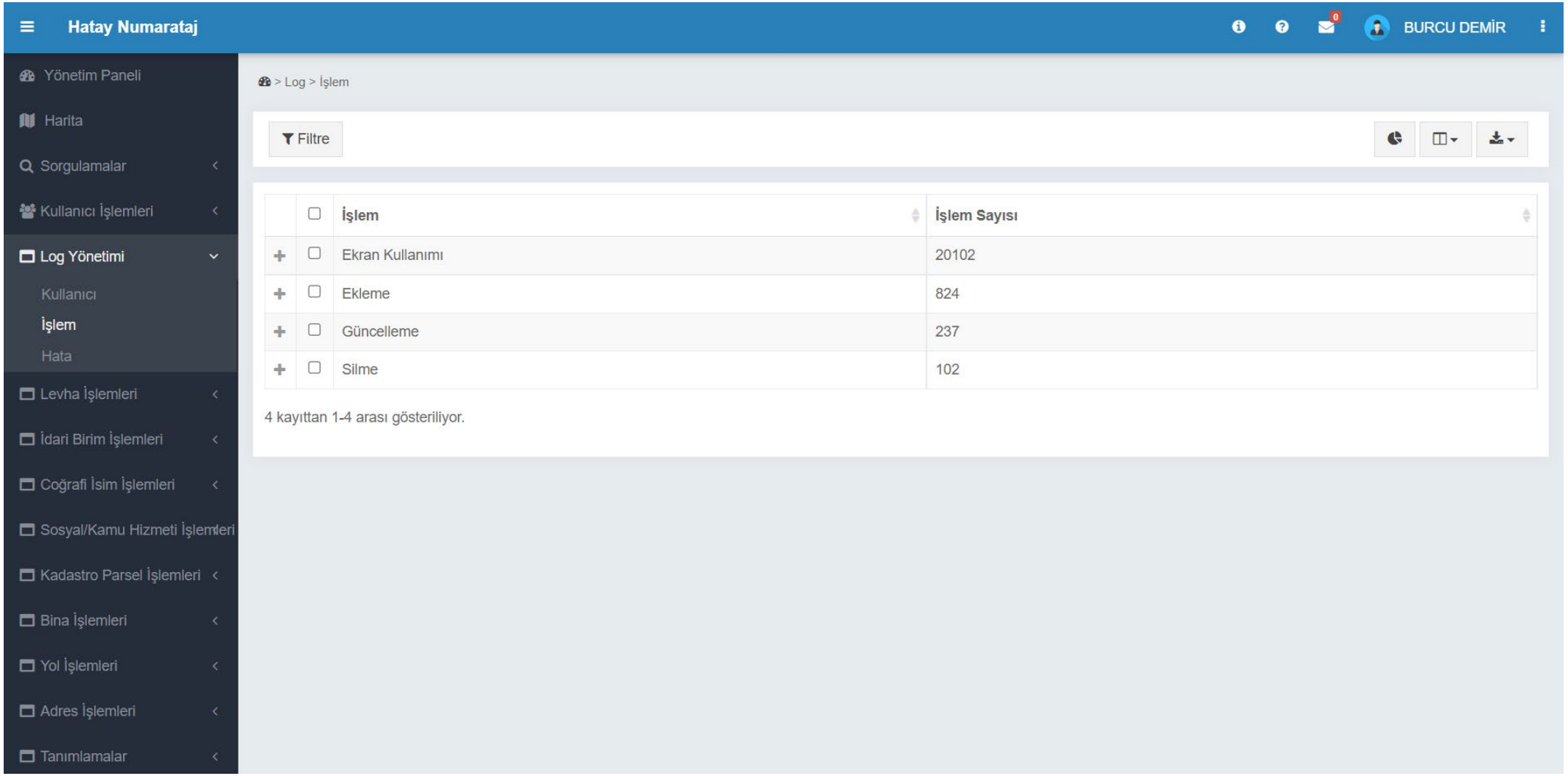
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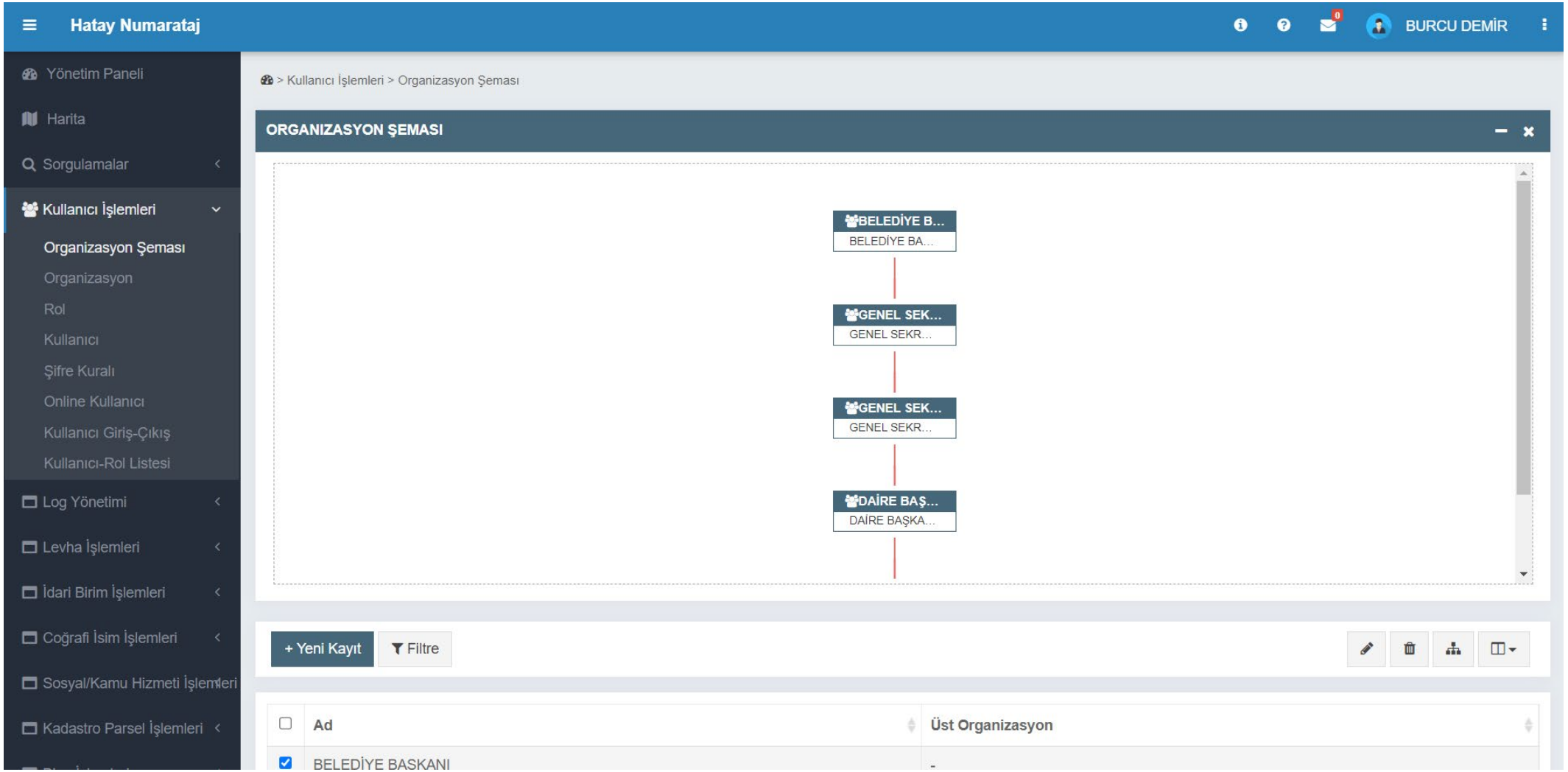
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SCREENSHOT EXAMPLES





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