Real-Time Collaborative Data Grid



Student(s)

Ilgın Uçum, Ege Altar Deniz, Selen Naz Gürsoy

Faculty Member(s) Company Advisor(s)

Ahmet Demirelli

Buğra Moğol

Project Overview

Innovative Collaborative Platform:

Designed to enable real-time concurrent data editing using advanced technologies like Angular and MongoDB.

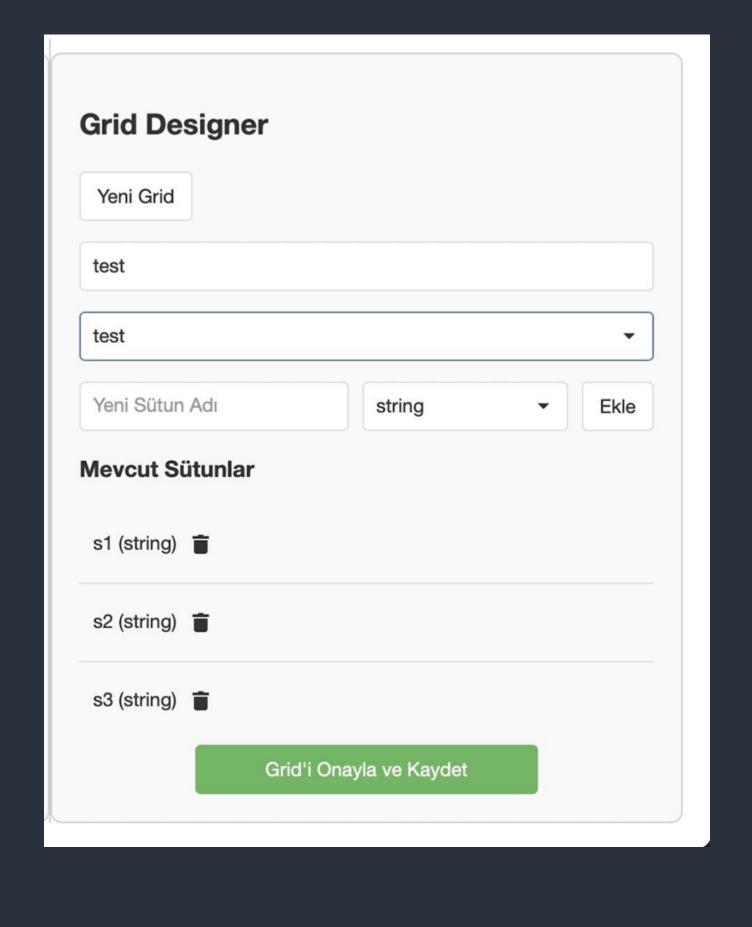
Targeted Business Solution:

Focuses on addressing limitations in handling large datasets and enhancing collaboration in real-time.

Seamless Integration:

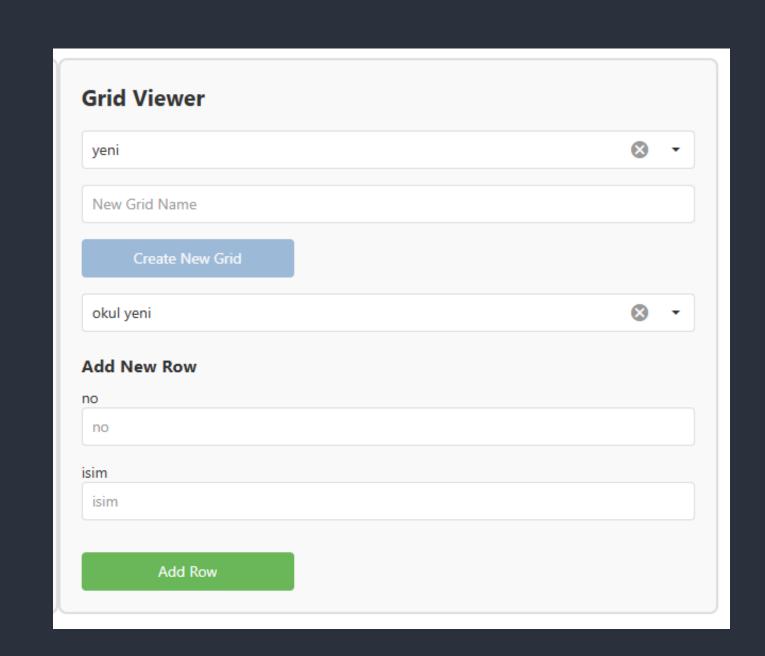
Engineered for easy integration into existing enterprise systems, tailored to business needs.

DataGrid Designer Page

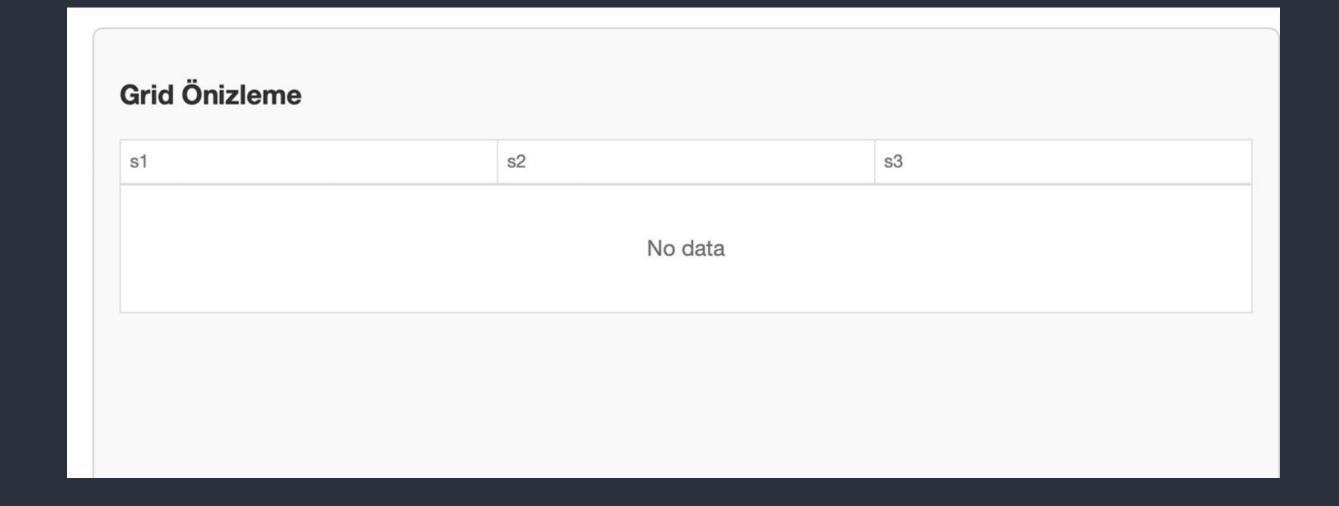


In this part user design the Grid template by entering Grid name and add columns with column name and data type.

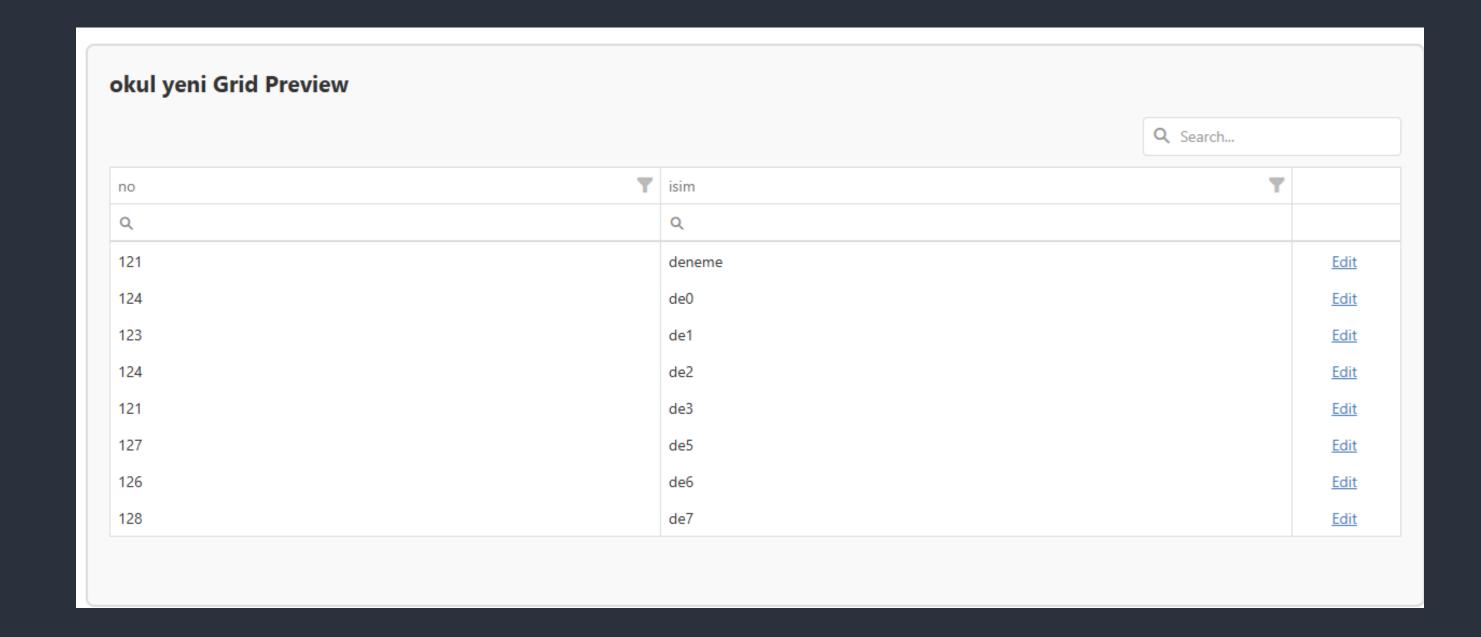
DataGrid Viewer Page



The Viewer Part enables users to view, add, and manage data in the created Grids.



This part is displaying next to the box above. This is where users display the template of the Grid they design.



Users can add new rows with predefined column fields and review the data in a structured preview table. This part also includes functionalities like searching, filtering, and editing existing entries to maintain dynamic interaction with the data.

System Architecture

