



VIANDAS DEL SUR

Developed by Tomas Casas - Full Stack developer





Tech STACK

FRONTEND:

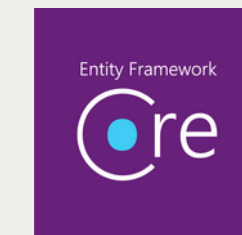
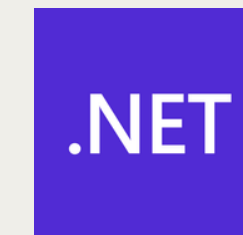
- Ionic/Angular

BACKEND:

- .NET

DATA BASE:

- SQL Server
- Entity Framework



THE PROBLEM

- **Orders received via WhatsApp / Instagram.**
- **Manual management with Excel.**
- **No tracking for dates or order status**
- **High operational load and frequent errors**

THE SOLUTION

- **Web portal with client and admin login**
- **Intuitive and accessible interface, designed for people without digital experience.**
- **Validation of dates and business rules.**
- **Administration panel to manage the entire system.**
- **Dynamic management of products and users.**

STACK & TECHNICAL DECISIONS

- **Angular: modular structure + mature ecosystem**
- **.NET Core: performance and scalability**
- **EF Core: LINQ queries, migrations**
- **JWT: stateless authentication**
- **SQL Server: used by the client already**

RESULTS & KEY TAKEWYS

- **50% less time for order handling**
- **Actively used by staff and administrators**
- **High adoption: 200+ orders/month**
- **Multi-role handling (admin / client / delivery).**
- **Synchronization between mobile and web app**

TESTING

- Continuous testing with Postman and Swagger.
- Implemented unit tests for business logic using x framework.
- Covered integration testing across modules and API endpoints.





THANK YOU