CASE STUDY
DIARIO DI CANTIERE

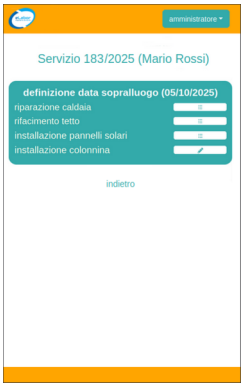
THE CUSTOMER

Ènostra is an Italian renewable energy cooperative with a strong commitment to sustainability and the ecological transition. It promotes the use of renewable energy, placing citizens and communities at the center of the energy transition, with a strong commitment to sustainability and transparency. It offers construction and monitoring services for photovoltaic systems, heat pumps, and charging stations.

NEEDS

The company, operating in the energy services sector, needed a system to manage construction site activities. The main requirements were:

- Enable real-time management of construction site activities via mobile devices;
- Provide a user-friendly and responsive interface for data entry and monitoring;
- Implement an automatic alert and reminder system to improve communication and deadline compliance;
- Integrate your construction diary with your Google Calendar for optimal planning.



THE PROJECT

The company chose to adopt the solution proposed by eLabor, a web app that includes various tools to optimize activity management. A digital construction site diary was implemented, a mobile interface that allows operators to update the status of activities in real time. The project includes a timetable, with information on the stakeholders involved, expected and actual dates, and related documentation. Automated notification systems were introduced, with email alerts for upcoming deadlines and automatic reminders in the event of delays. Furthermore, a Google Calendar integration was implemented to synchronize construction site activities with users' calendars, and the solution's architecture was developed with a modern API-based approach and a ReactJS frontend, to ensure high performance and an intuitive and immediate user experience.

AN INTEGRATED SYSTEM FOR SERVICE IMPROVEMENT

The implementation of the web app has increased operational efficiency, reducing the time required to update and consult data. Furthermore, the ability to access the schedule on mobile devices has fostered better coordination among operators, facilitating collaboration. The introduction of the notification system has reduced errors, avoiding delays and oversights, while the modern and intuitive interface has helped reduce staff training time. More precise management of activities and offers has led to cost optimization, saving resources and working time. Ènostra now has an integrated system that effectively responds to its management needs, improving the quality of the service offered.

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