



Access control system for maintenance of green energy plants

Project description

A solution for accounting and monitoring of wind turbine maintenance.

When visiting the facility technicians scan the QR code and perform a Check-In by choosing maintenance parameters. The data is recorded and transmitted to the owner of the power plant.

Main features

- Dynamic QR
- Dynamic shapes
- Reports
- Analytics
- Time Recording
- Multiple power plants



Objective

Through our in-house service PINTOTAG we develop custom Check In/Check Out forms, to track onsite maintenance. Dynamic forms define from which object the QR-code was scanned and automatically substitute the necessary parameters. Reports showing working time, executed maintenance and any necessary additional criteria can be generated daily.

Solution

Belichberg's pre-designed solution made it possible to quickly and efficiently provide a turnkey solution to deliver results

The image displays three overlapping mobile application screens for ECOwind, illustrating a check-in process for maintenance work.

Screen 1 (Left): Check In Form

- Header: ECOwind logo, language selection (DEU, ENG).
- Form fields:
 - Name *
 - Phone Number
 - Name of place (placeholder: [EU-XXX-PON-07 /
 - Time of check (placeholder: 19.11.2022)
 - Worker ID (?)
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Screen 2 (Middle): Check In Form

- Header: ECOwind logo, language selection (DEU, ENG).
- Form fields:
 - Number of Workers * (placeholder: - 1 +)
 - Scheduled completion time (placeholder: 14:00)
 - Category of work * (placeholder: Services)
 - Additional comment Section
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Screen 3 (Right): Check In Completed

- Header: ECOwind logo, language selection (DEU, ENG).
- Content:
 - check in completed (with a green checkmark icon)
 - Large timer: 01:07:02
 - Finish work button
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