

Smart maintenance management of air operations areas



We worked together with the operator of Zurich Airport (Flughafen Zürich AG) to develop an offline-capable iPad application for the efficient maintenance management of air operations areas (AOAs). The app covers the full range of maintenance tasks from damage assessment and condition evaluation to the commissioning of maintenance measures and their acceptance. With its map-based structure, the app enables the convenient localization of all areas to be processed, while also distinguishing itself in terms of overall user experience.

Our services

- Development of a method for assessing the status of AOA elements, such as concrete and asphalt surfaces
- Description of the processes for condition assessment, commissioning, measurement and acceptance including the required data
- Drafting of an IT concept
- Design of an appealing and intuitive graphic user interface to ensure favorable user experience
- Launching of the iPad app

Client

Flughafen Zürich AG

Facts

Period 2016 - 2023

Project Country Switzerland

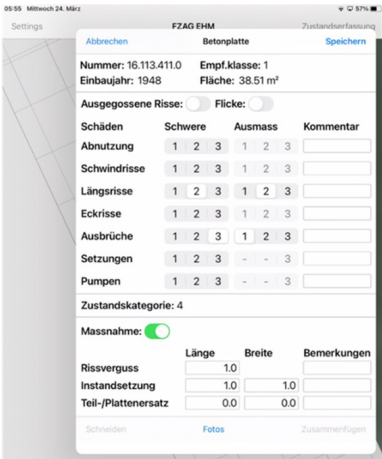
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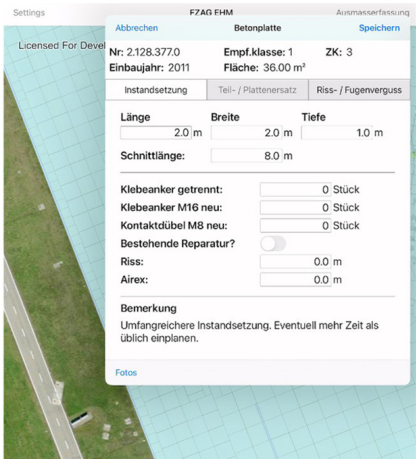
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Den Zustand von Elementen und Massnahmen mit wenigen Klicks erfassen



Recording the condition and any necessary measures during the inspection

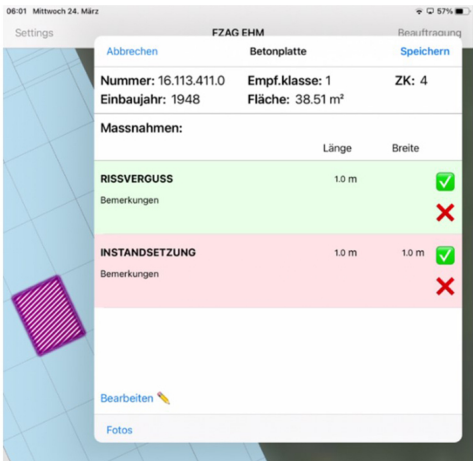
Das Ausmass der Massnahmen einfach via Formular erfassen



Assessment of status following the repair of a concrete slab

Elemente direkt auf der Karte anwählen und die Massnahmen beauftragen

- Rissverguss
- Instandsetzung
- Plattenersatz
- Rissverguss + Instandsetzung
- Rinnenersatz
- Ungültige Kombination
- Keine Massnahmen



Acceptance of completed maintenance work or documentation of changes

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