

Timelink - Specification

Presented by [LAMTCo Solutions](#)

Overview

- Specification
- Main Design
- UI Concepts
- Identified Risks

Specification

User Stories

All the use cases have been implemented but will not be shown in the presentation

Timelink mobile

As a(n) Employee, I want to see a list of all my logged hours, so that I can monitor attendance and verify shift compliance.

As a(n) Employee, I want to start my shift by pressing a "Start Shift" button in the application, so that the system may begin logging my working hours accurately.

Timelink mobile

As a(n) Employee, I want to end my shift by pressing a "End Shift" button in the application, so that the system may log the end of my shift accurately.

As a(n) Employee, I want to receive a notification if I forget to start or end my shift, so that I don't miss logging my hours.

Timelink desktop

As an admin, I want to view employee working hours and their working locations, so that I can monitor attendance and manage work distribution.

As an admin, I want to see visual representations of total working hours per location, so that I can easily analyze workload distribution.

Timelink desktop

As an admin, I want to add and remove users from the system, so that I can manage access and maintain an up-to-date user list.

As an admin, I want to filter employee data by department or project, so that I can analyze work distribution more efficiently.

Timelink desktop

As an admin, I want to edit an existing working place and assign employees to them, so that I can maintain an up-to-date organizational structure.

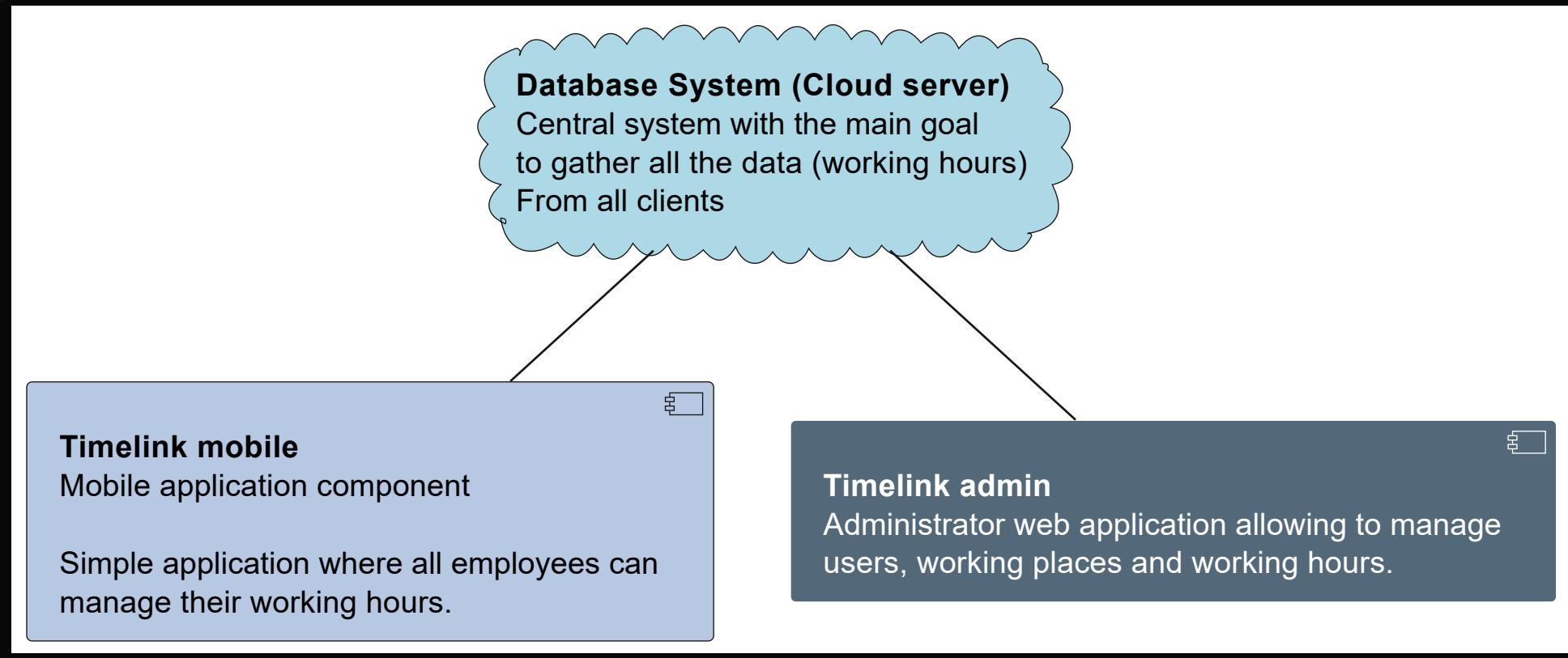
As an admin, I want to view an activity log of recent changes in the system, so that I can track who modified what and when.



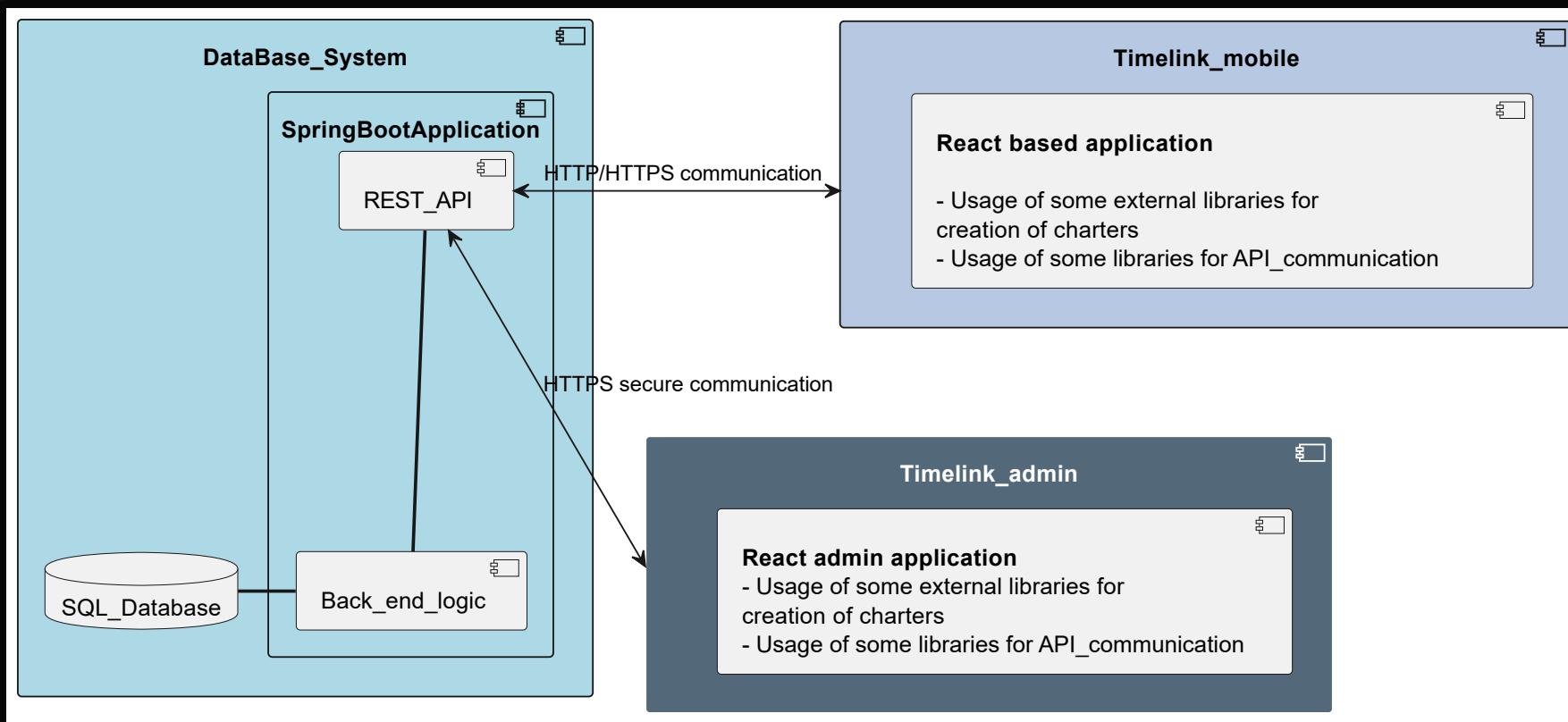
Main components and data flow

- The architectural design has been defined in 4 different levels
- C1 - System level
- C2 - Container level
- C3 - Component level
- C4 - Code level

C1 - System level

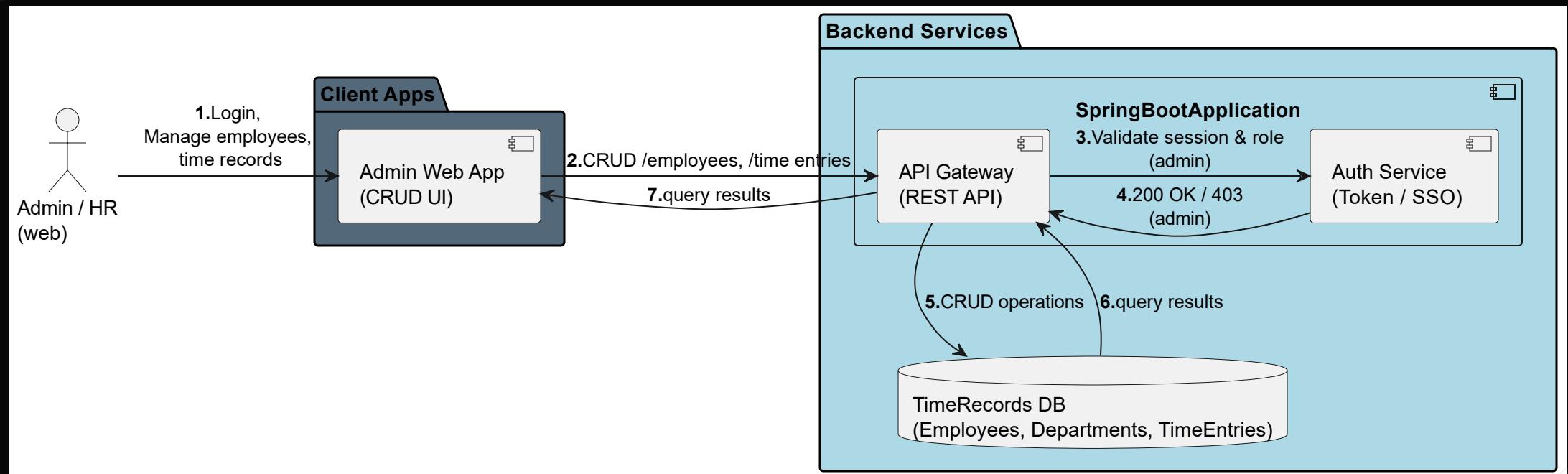


C2 - Container level



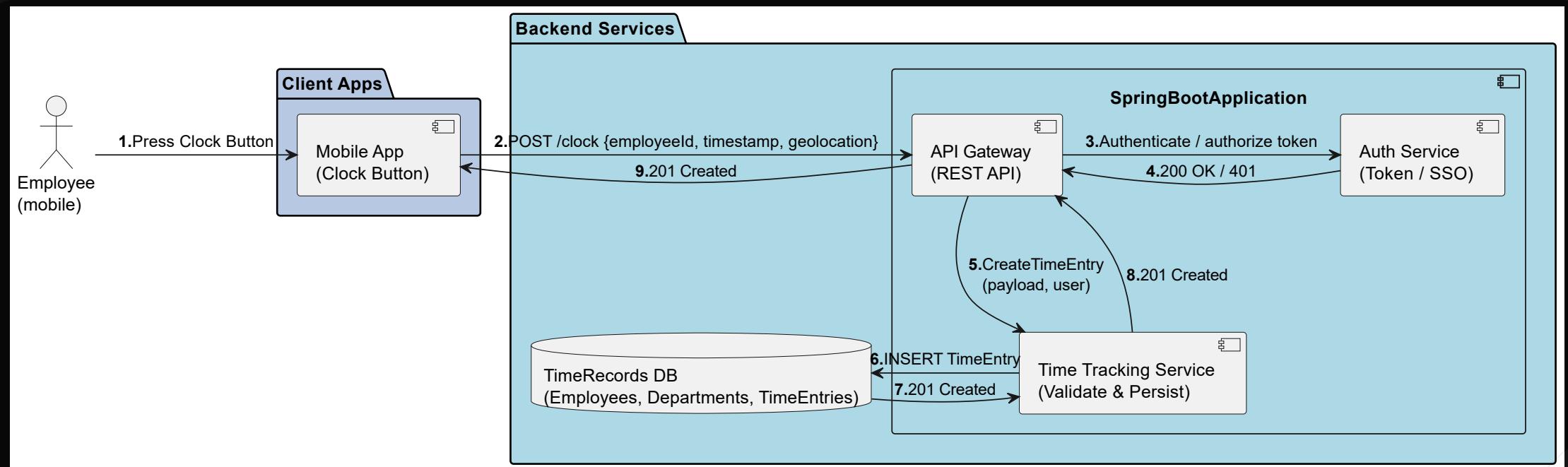
Typical data workflows

Admin platform



Typical data workflows

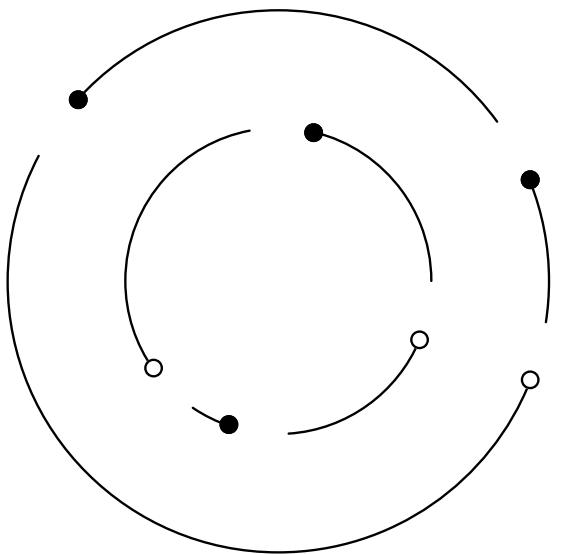
Mobile platform





UI designs/mockups

Timelink admin



Welcome back!

Control, insights, and updates — all
in one dashboard.



LOG IN

Timelink admin

Welcome page

Some visual elements could undergo some
changes

Timelink admin

Sign in page

Sign in

Secure access to your dashboard.

USERNAME

PASSWORD

LOG IN





Dashboard

Manage, monitor, and stay in control.

VIEW CHARTS

USER
MANAGEMENT

WORKING
PLACES

ACTIVITY LOG

• • ○

Timelink admin

Application dashboard

Timelink admin

And some other pages...





User Management

Enter the employee details.

USERNAME
E-MAIL
PASSWORD
ROLE

ADD

BACK

• • •



User Management

ADD USER



BACK

● ● ○



Activity Log



BACK

● ● ○

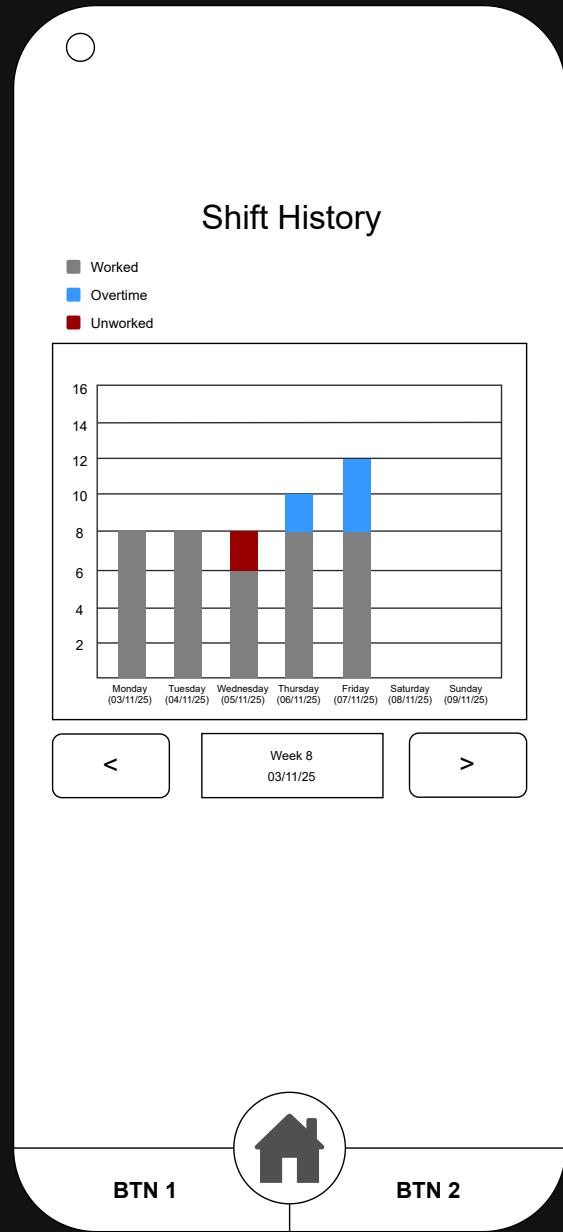


UI designs/mockups

Timelink mobile

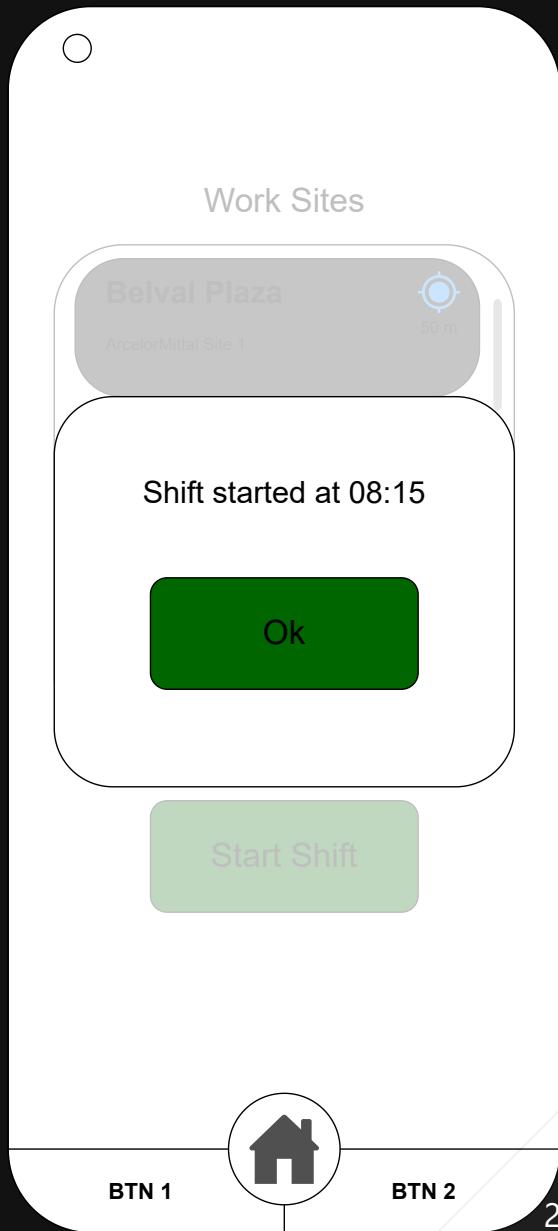
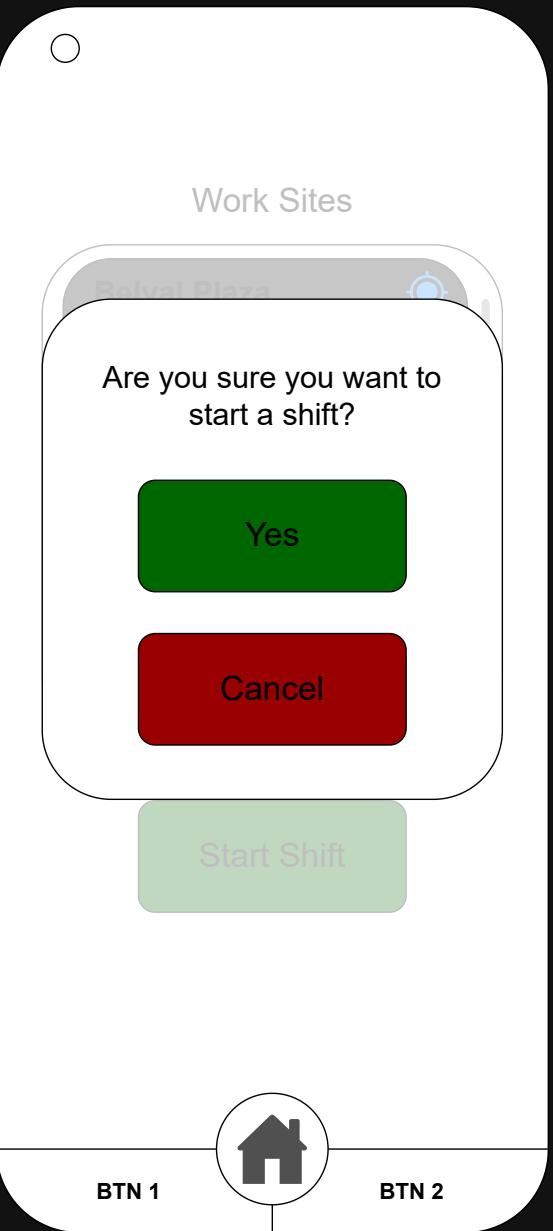
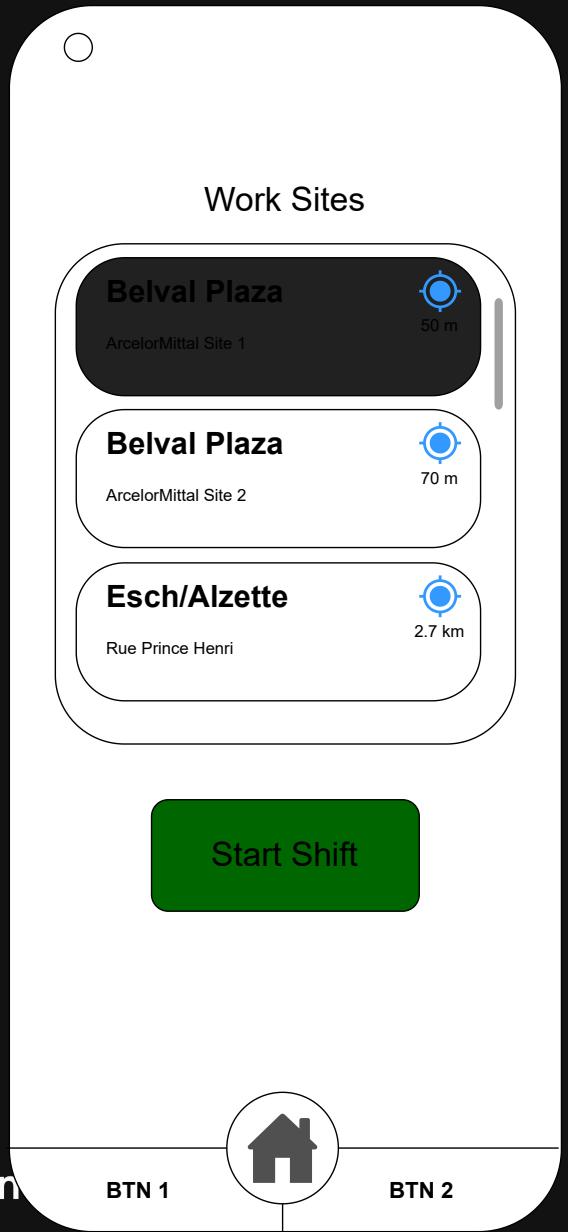
Timelink mobile

Shift history diagram



Timelink mobile

Employee punch-in procedure



Ongoing Shift

Start: 08:15 (7 h 25 m ago)

Location: ArcelorMittal Site 1

Breaks:

1. Break at 12:00 - 13:00
2. Break at 16:35 - 16:50

End Shift

Take a Break



BTN 1

BTN 2

Ongoing Shift

Start: 08:15 (7 h 25 m ago)

Are you sure you want to
end this shift?

Yes

Cancel

Timelink
mobile

Employee punch-
out procedure

A close-up photograph of an aircraft's fuselage. A prominent red rectangular strip with the word "DANGER" in white capital letters runs diagonally across the joint between two metal panels. The fuselage is made of grey metal with visible rivets and some paint peeling. In the bottom left corner, there is a red triangular area. Overlaid on the middle-left portion of the image is a dark grey rounded rectangle containing the text "Risk management" in a light blue, sans-serif font.

Risk management

Identified risks



Regulatory non-compliance (GDPR)

Inconsistency between logs and actual actions

Data privacy violations

Current state of the project

What has been done

Milestone 1 and 2 accomplished

- The project specification has been defined
- All the architecture has been defined at the container level
- Some major risks have been identified

Current state of the project

Our next steps

Start of Milestones 3,4 and 5

- The development will start soon
- We plan to define the design at the class level together dynamically
- Start risk mitigation for the current identified risks