

# FDF App – *fast data flow*

Instant management.

Immediate circulation of documentation.

ZERO paperwork.

# Author

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# The main idea



DESIGN

DRAWINGS  
WPS

ELEMENT  
TO BE APPROVED

APPROVED ELEMENT

ELEMENT  
TO BE APPROVED

DRAWINGS  
WPS

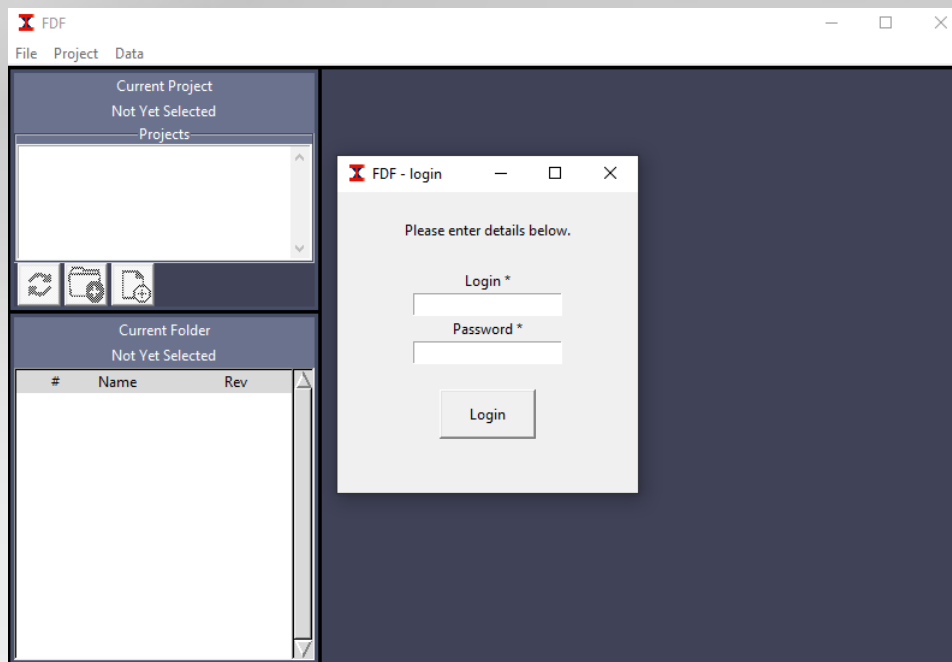


FACTORY OF STEEL STRUCTURES

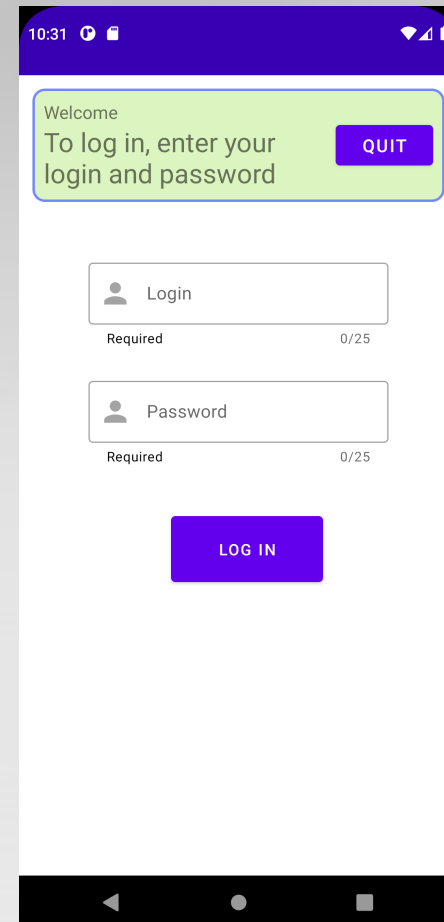


# FDF – components

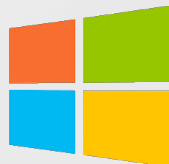
1. The Program on a desktop computer.



2. The Mobile application for a smartphone.



Currently available on platforms:



The program on a desktop computer.



# FDF

## The program on a desktop computer.

The screenshot displays the FDF software interface. On the left, a sidebar contains a 'Current Project' section with a list of projects (currently showing 'test project') and a 'Current Folder' section with a list of files (currently showing 'test folder' and 'testPDF.pdf'). The main window is titled 'FDF' and has a menu bar with 'File', 'Project', and 'Data'. The main area is divided into two panes. The left pane, titled 'welds', shows a table of saved welds with columns for '#', 'Name', and 'Rev'. The right pane, titled 'Add a new weld', contains a form for entering weld details. An arrow points from the 'testPDF.pdf' file in the 'Current Folder' list to the 'Add a new weld' dialog box.

Current Project: test project  
Start Date: 08-03-2023  
Current drawing: testPDF.pdf

frb drawing welds

Saved welds

#	Name	Rev
	test folder	
	testPDF.pdf	0

Overall data Add a new weld Edit existing weld Welding details

Weld name: W1

Connection type: pipe

Weld type: BW

Diameter [inch]: 14"

Diameter [mm]: 355.6 ISO

Thickness [mm]: 9.53 STD

Calostyki: 22

Length [mm]: 1117.0

Parent Material: 1020 AISI black

Connected part 1:

INTRODUCTION AND EDITING OF JOINTS INTO THE SYSTEM

# FDF

## Mobile application.

### Access levels:

#### 2. Workers



#### 1. Administrator/ Main coordinator

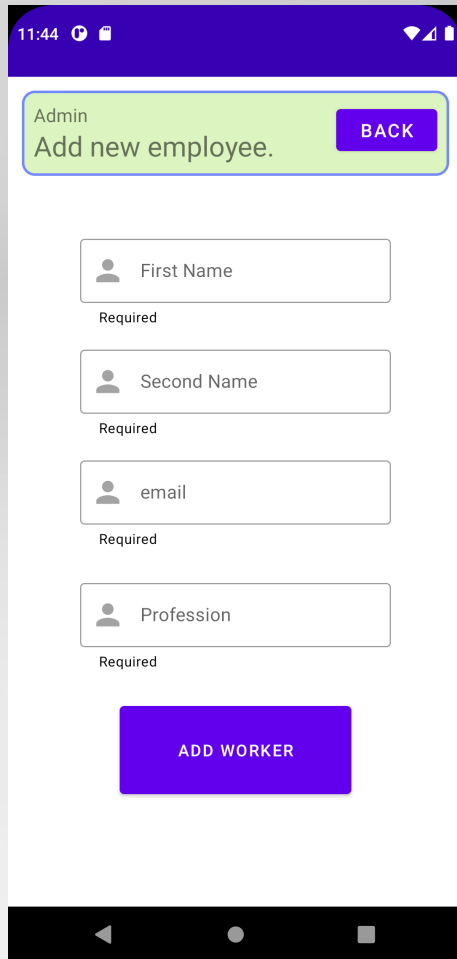
Registration of new employees

Approval of projects

Any type of worker  
has access  
to an individual module  
in the app.

# FDF Mobile application.

## 1.Administrator/Main coordinator



The screenshot shows the 'Admin' screen of the FDF Mobile application. At the top, there is a status bar with the time 11:44 and various icons. Below the status bar, there is a green header bar with the text 'Admin' and 'Add new employee.' and a purple 'BACK' button. The main content area is white and contains four input fields, each with a person icon and the label 'Required' below it: 'First Name', 'Second Name', 'email', and 'Profession'. At the bottom of the form is a large purple button labeled 'ADD WORKER'. The bottom of the screen shows the Android navigation bar.

Registration of new employees

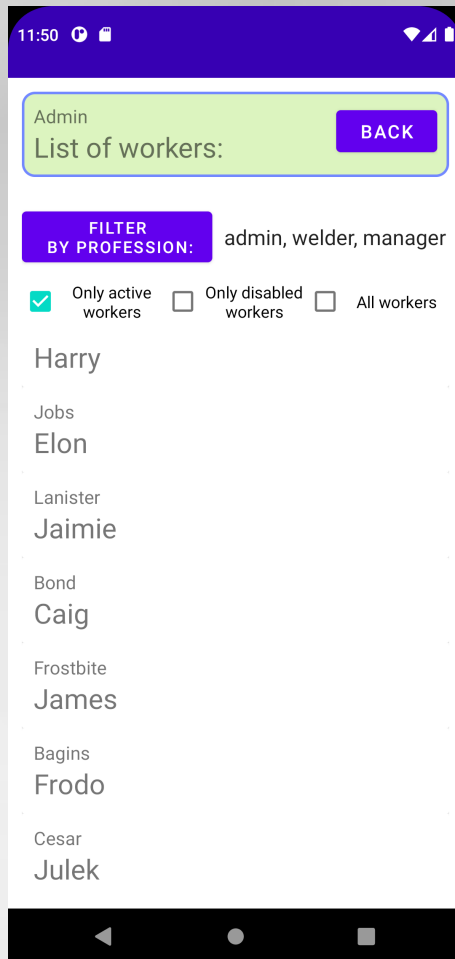
After entering the data, on new employee's e-mail address comes the application to be installed and login details.



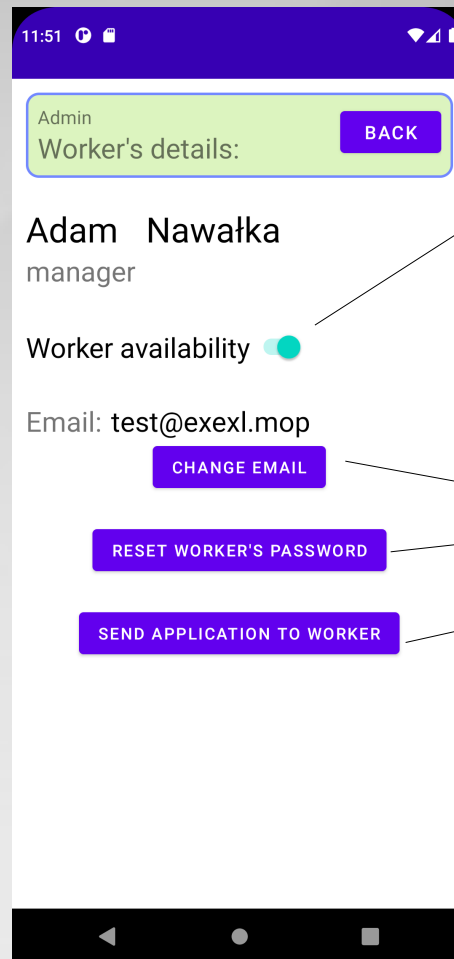
# FDF Mobile application.

## 1.Administrator/Main coordinator

Access to  
all registered  
employees.

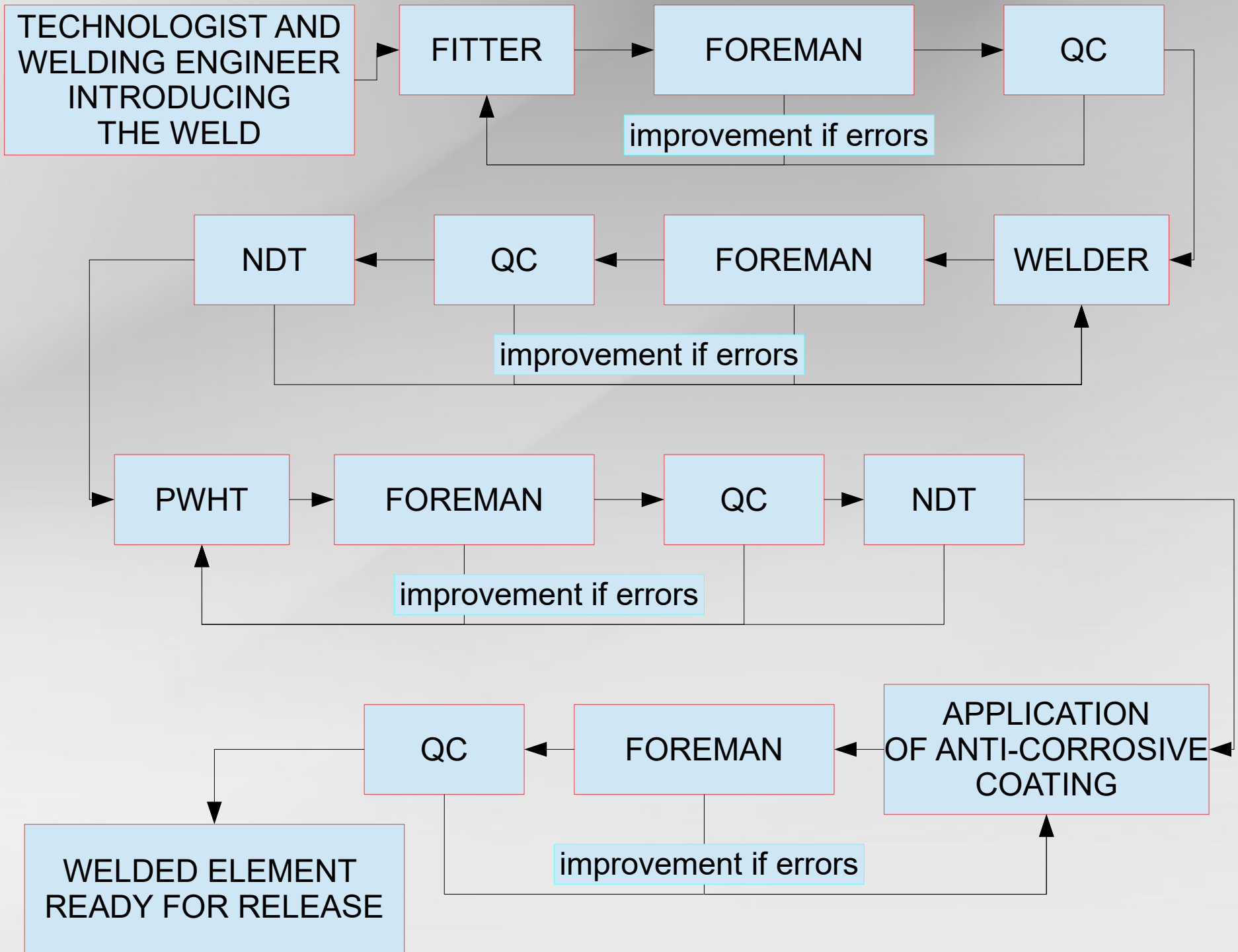


Possibility to  
update  
employee data.



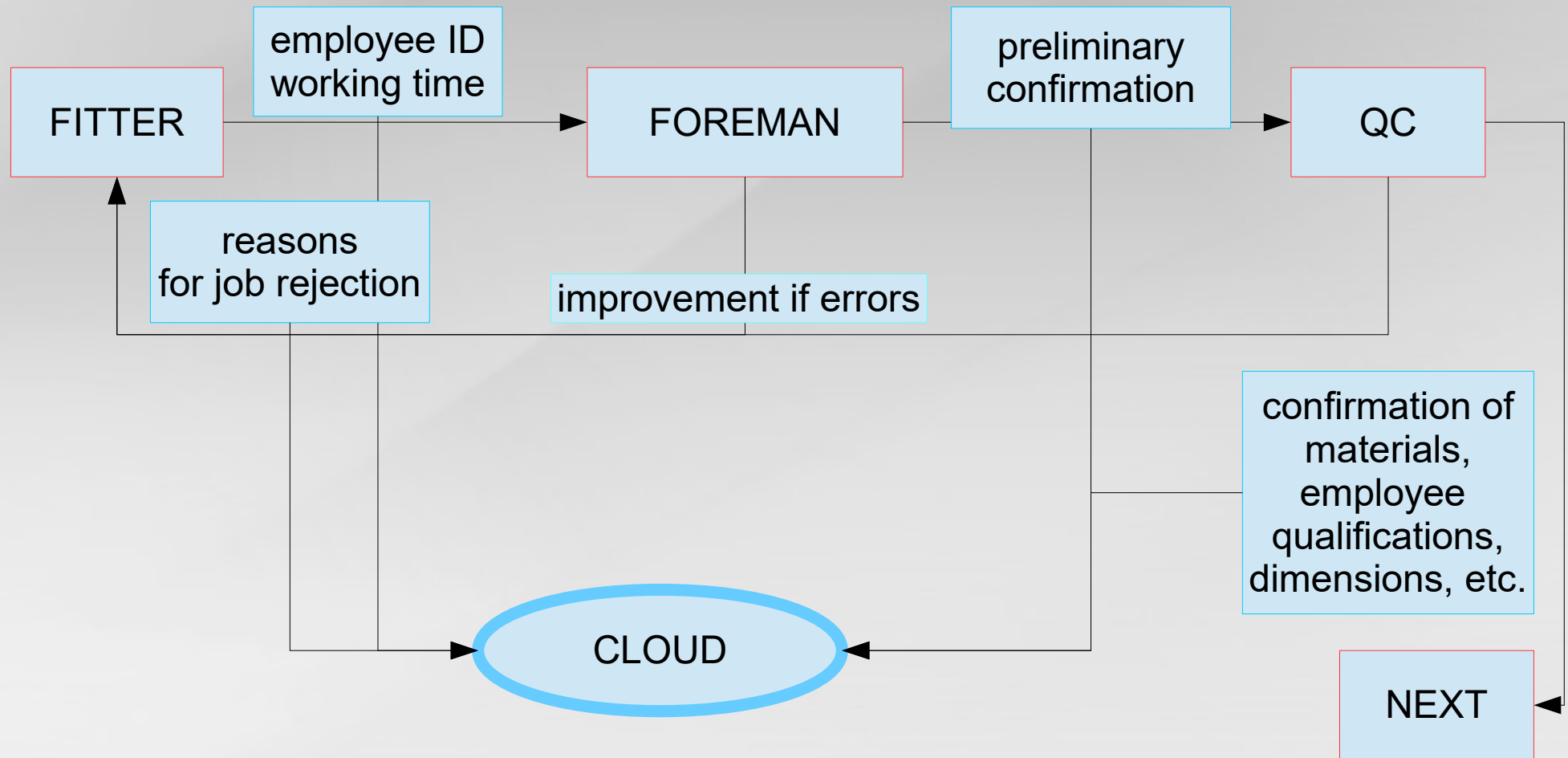
Blocking the employee's  
ability to log  
into the system.

Changing the e-mail address,  
password,  
resending the application  
to the employee



# FDF Mobile application.

Each stage of production collects data regarding who, what, how much, and when.

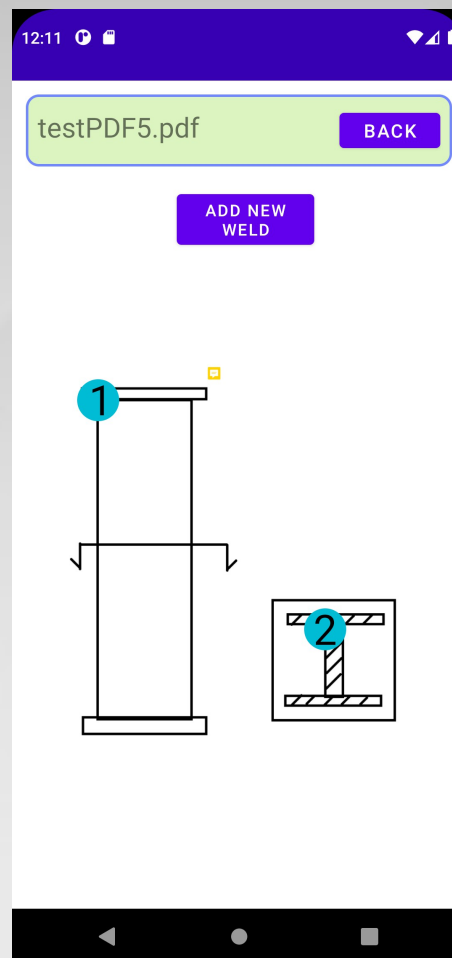


# FDF Mobile application.

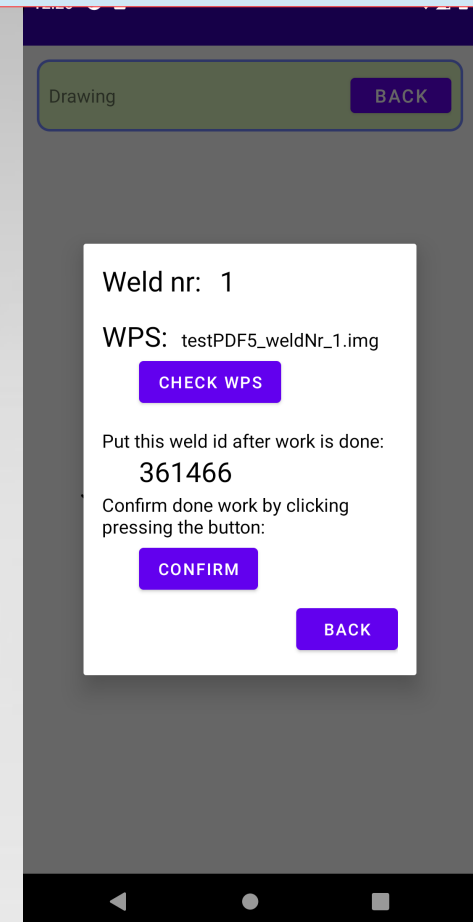
Access to all drawings in a given project.



View and edit the drawing.



Preview of data on the details of the executed item.



# FDF

## Summary

1. Collecting data, statistics - the possibility of using in bidding.
2. Full digitization of documentation.
3. Increased quality control of welds - forcing those responsible for the work to physically see the weld.
4. Immediate access to full project data - work progress, number of elements, welds, people involved.

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