Belman

Our experience, your benefit

BELSIGN

What is BelSign?

BelSign is a system developed to manage and monitor the production process of welded items within our company
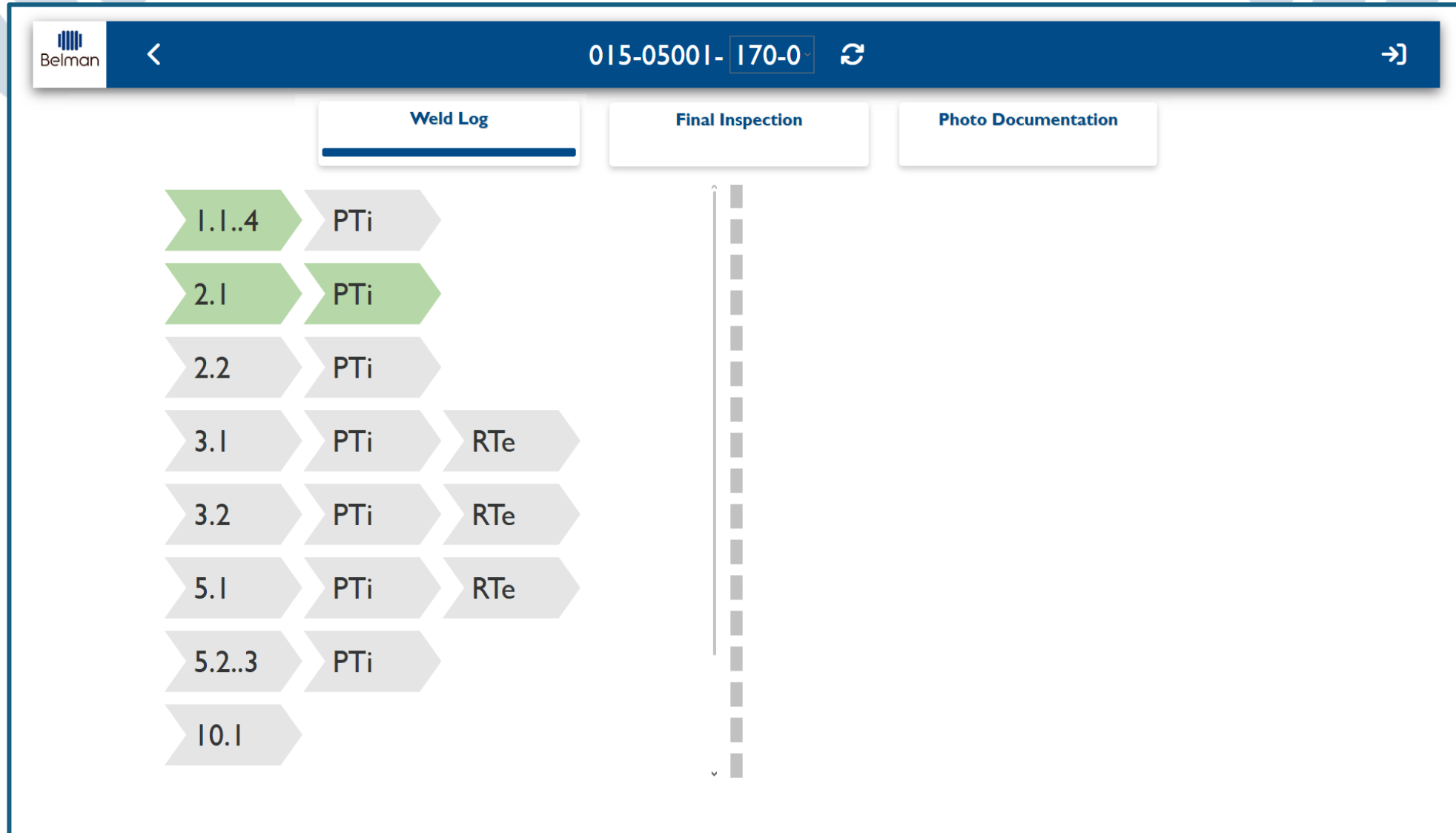
It replaces traditional paper-based documentation by allowing operators to digitally record their activities during production

Through BelSign, operators can:

- Enter the **order number** associated with the welding task

- **Digitally sign off** once specific tests or steps have been completed

- Ensure that each action is traceable with the **operator's identity**, along with the **date and time** of the signature

By computerizing this process, BelSign enhances traceability, reduces errors, and ensures greater efficiency and accountability in the production workflow
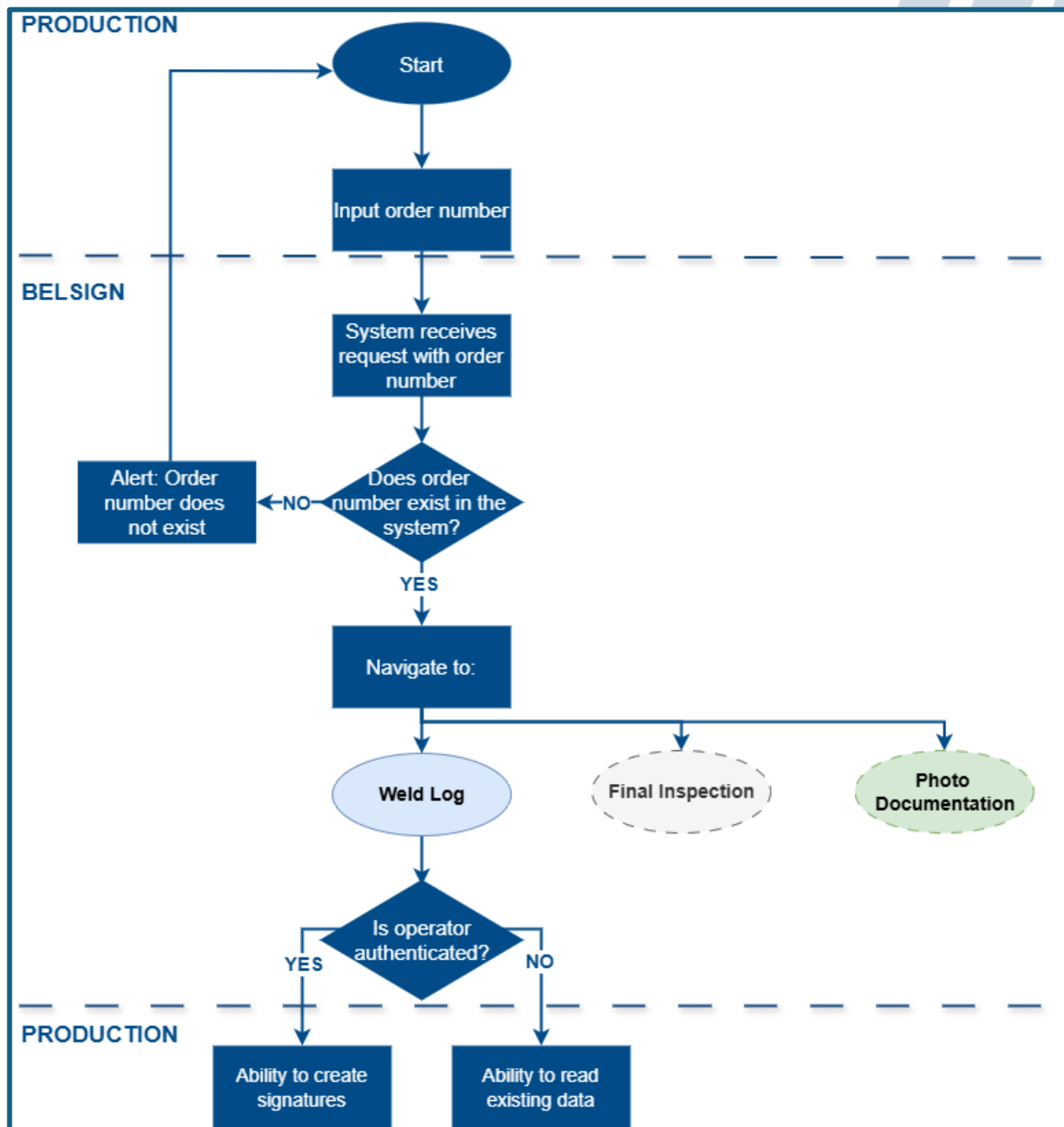
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BelSign: Initial Solution

BelSign

Enter order number

BelSign
Flow
Diagram
Current status

Your task: Photo Documentation

Idea:

- You will develop an external tool that could be injected into BelSign

Problem Statement

Current Issues:
- No centralized system for photo documentation
- Manual process can cause delays and errors
- No clear workflow for QA approvals
- Lack of role-based access control
- No automated reporting or email notification

Need: A digital system that allows:
- Production workers to upload and save photos
- QA employees to review and approve documentation
- Admins to assign roles to users and oversee the process
- Efficient tracking, reporting, and communication

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Your task: Photo Documentation

Requirements:

- Take pictures of an expansion joint from different angles

- Associate pictures and responsible user to an order number

- Store the pictures

- Generate a final report

- Easy reporting to the customer

- User groups with different responsibilities

- Tablet-friendly

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