

CAPSTONE IMPACT PLATFORM

Redesign & Automated Publishing System

A web-based Admin/CMS that structures, validates, reviews and governs the publication of SSET capstone content to the existing Duda showcase.

TEAM RUNTIMEERROR · Cao Tran Gia An · Dong Duc Binh · Bui Quoc Huy · Tran Thien Tan
Academic Supervisor: Dr. Tuan Tran · Industry Supervisors: Ms. Ho Mai Ly · Mr. Huynh Duc Thien



OFFICIAL SHOWCASE
SCAN TO EXPLORE
OUR PROJECT

01 - THE CHALLENGE



- Fragmented submissions and repeated staff checks
- Important information trapped in posters and PDFs
- Difficult to govern and scale to 100+ projects each year

WHY THE CURRENT PROCESS DOESN'T SCALE

~2 WEEKS

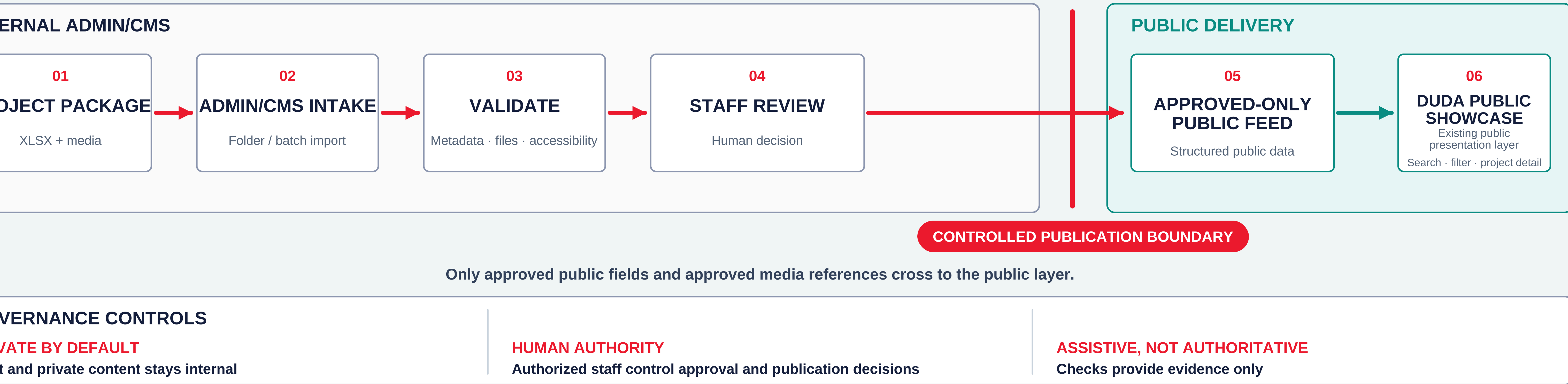
Manual processing time per batch

100+

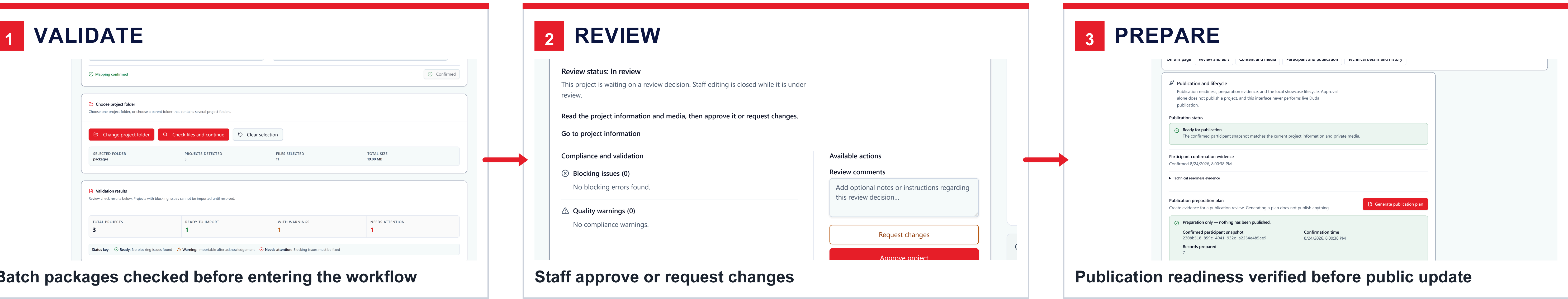
Capstone projects each year

A manual two-week workflow does not scale effectively across recurring cohorts of 100+ projects.

02 - HOW IT WORKS



03 - FROM INTAKE TO PUBLIC SHOWCASE



PUBLIC LISTING

2026 Projects

Accessible Campus Navigation

Adaptive Urban Traffic Coordination

Smart Irrigation Monitoring

Searchable structured project records

REUSABLE DETAIL PAGE

FORMAL PROJECT REPORT

Accessible Campus Navigation

Bachelor of Software Engineering · Class of 2026 · Software Engineering

Inclusive route intelligence that helps people move confidently through complex learning environments.

1 Background

Students and visitors need reliable, inclusive guidance through changing campus spaces, including accessible entrances, lifts, quiet paths, and temporary route disruptions.

2 The Solution

The team combines a maintainable spatial data model, accessible route

CONTENTS

1. Background

2. The Solution

3. Project Snapshots

4. Resources

04 - SOLUTION ARCHITECTURE

