

Efficient EU Workforce Relocation through LLM-Driven Legislative Data Solutions

Artificial Intelligence – New Chapter for Labour Market?
ELA TECH Conference 01/02/2023



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■ Outline

- Problem 1: Making the EU Free Market Ideal Accessible for Companies
- Solution 1: GPT-improved Change Detection Algorithm
- Problem 2: Duty of Care Simplified?
- Solution 2: GPT-improved Rating Measurement Implementation

Problem 1

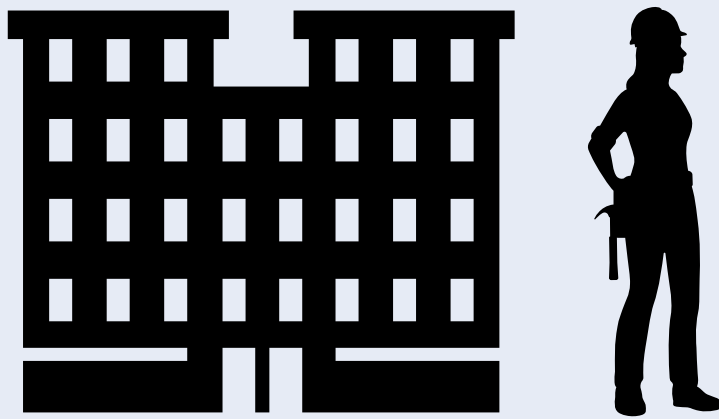
Making the EU Free Market Ideal Accessible for Companies

Adherence to local updated regulations when posting abroad



1. Search sources for legislative documentation

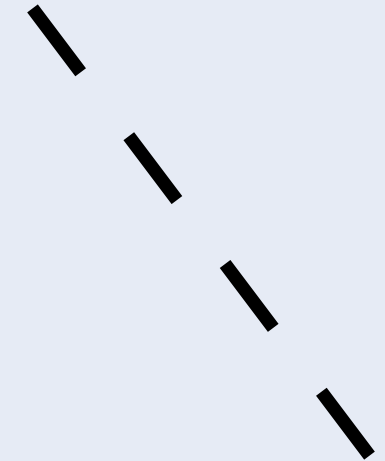
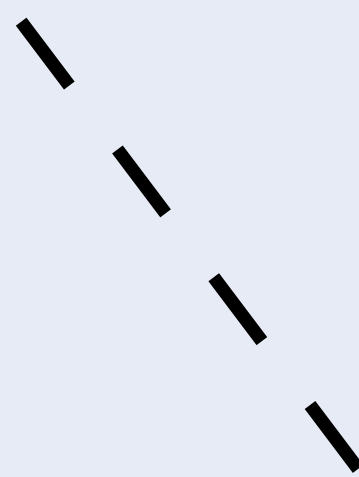
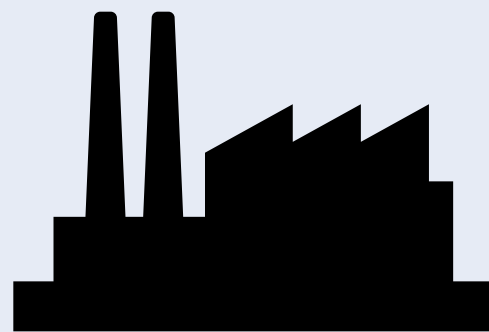
2. Check adherence to legislations



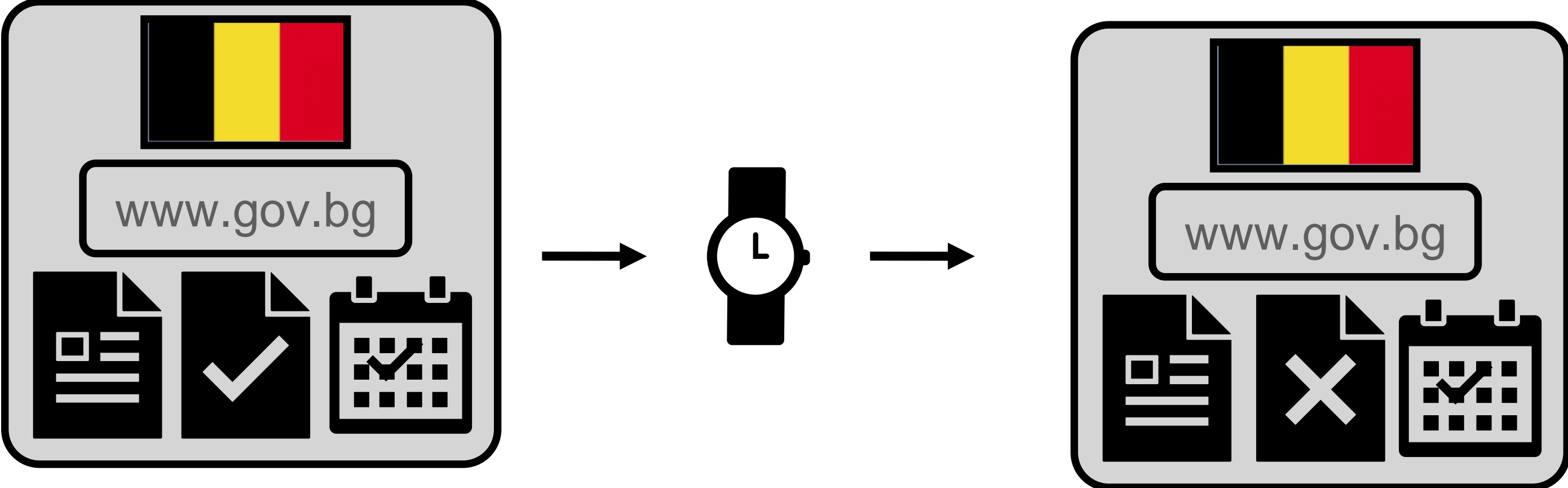
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Adherence to local updated regulations when posting abroad



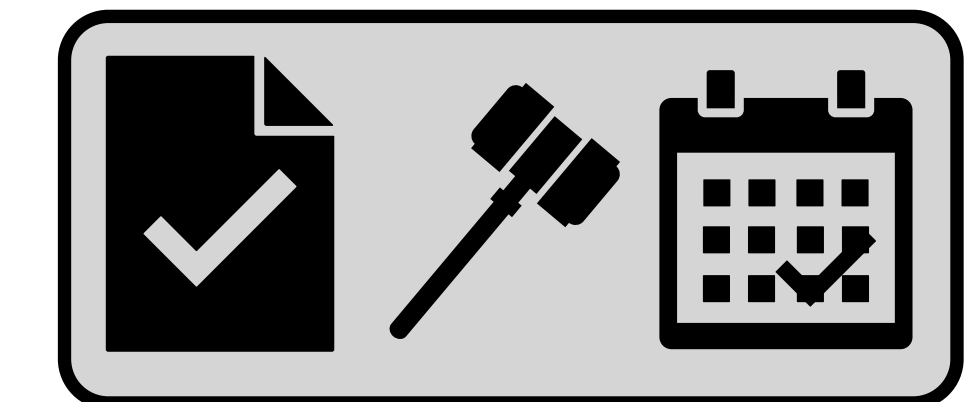
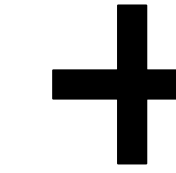
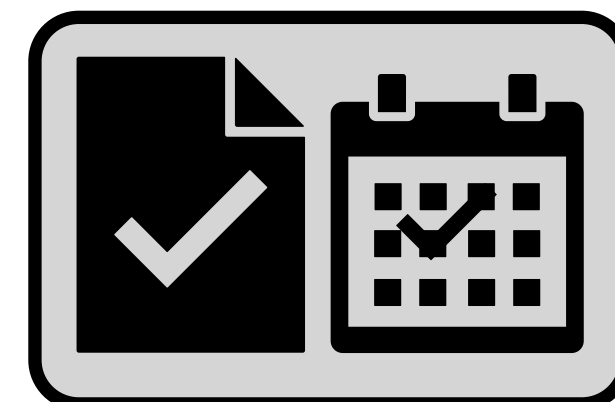
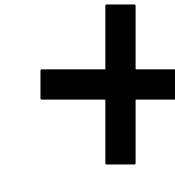
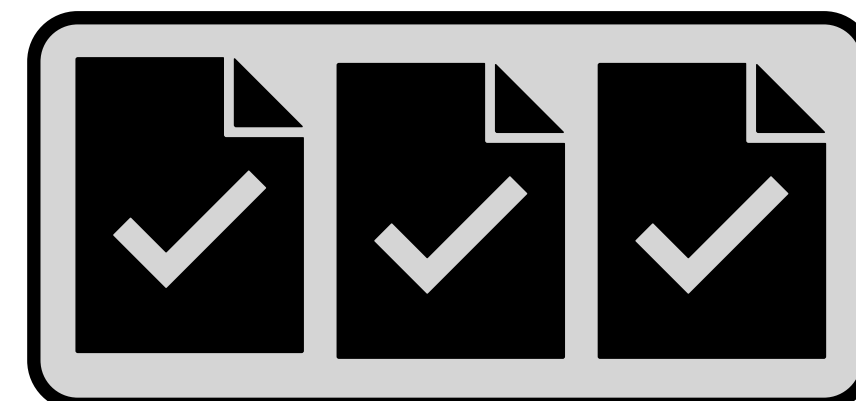
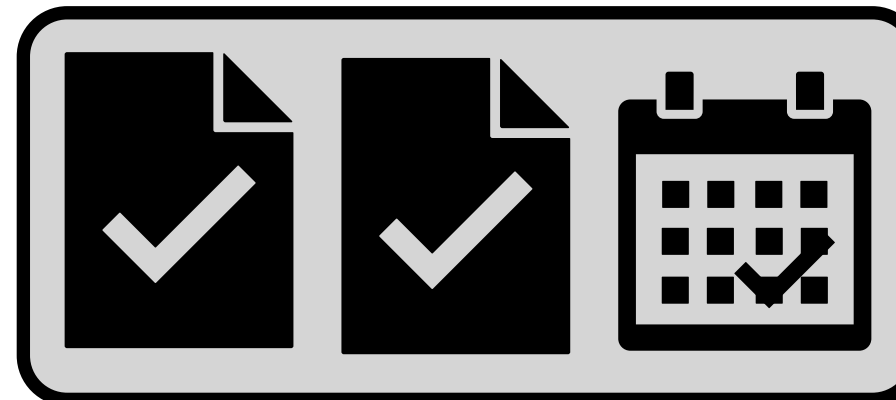
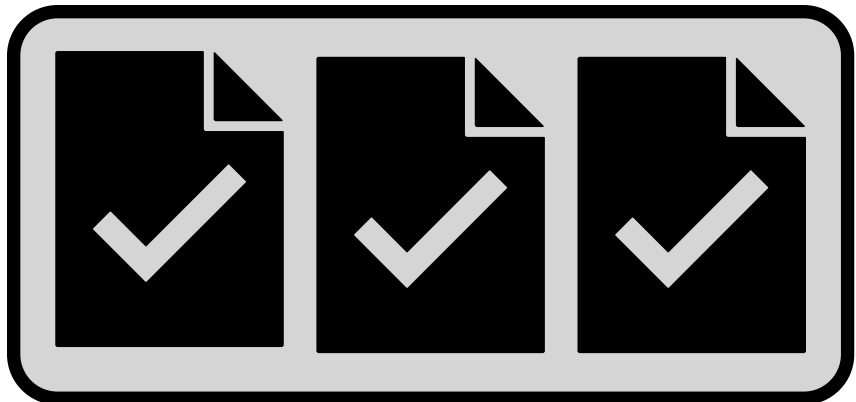
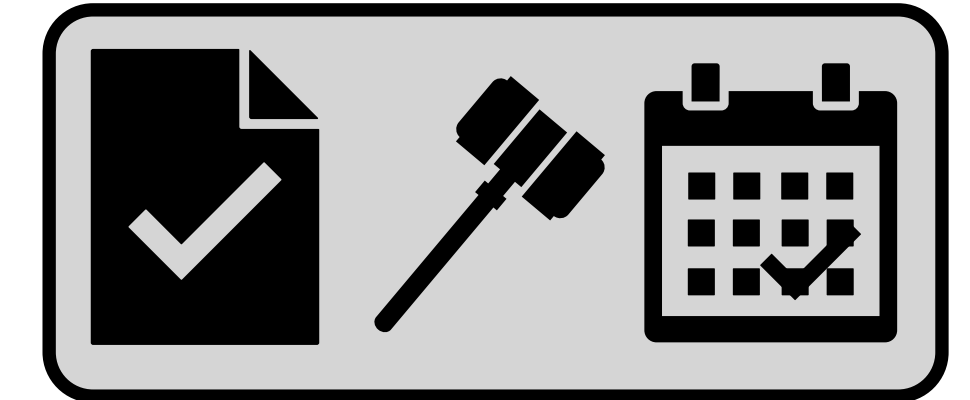
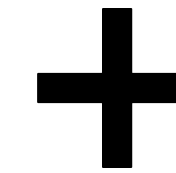
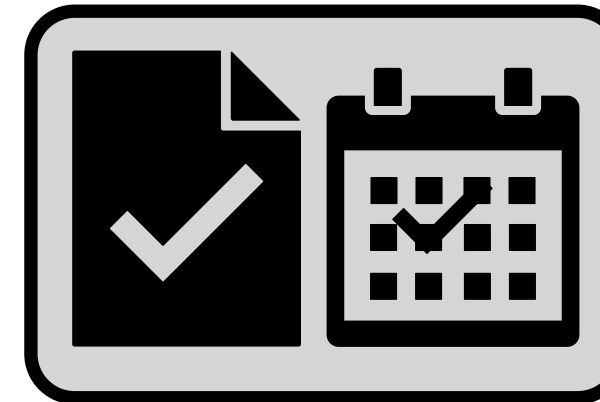
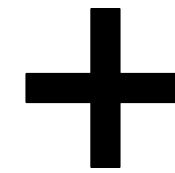
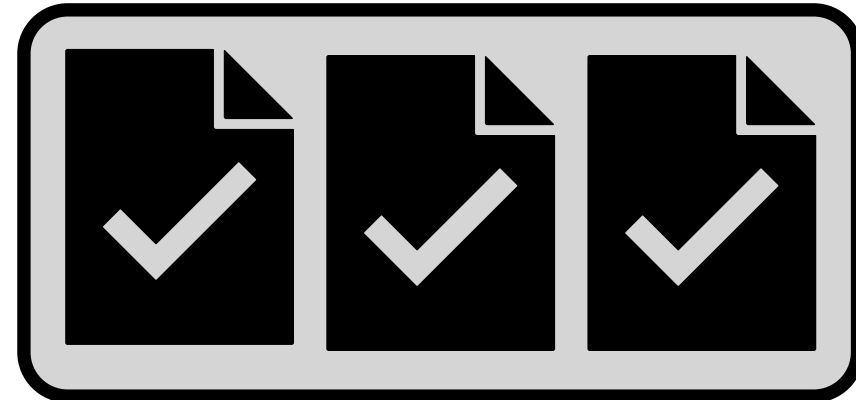


Directives

Transposition
in to law

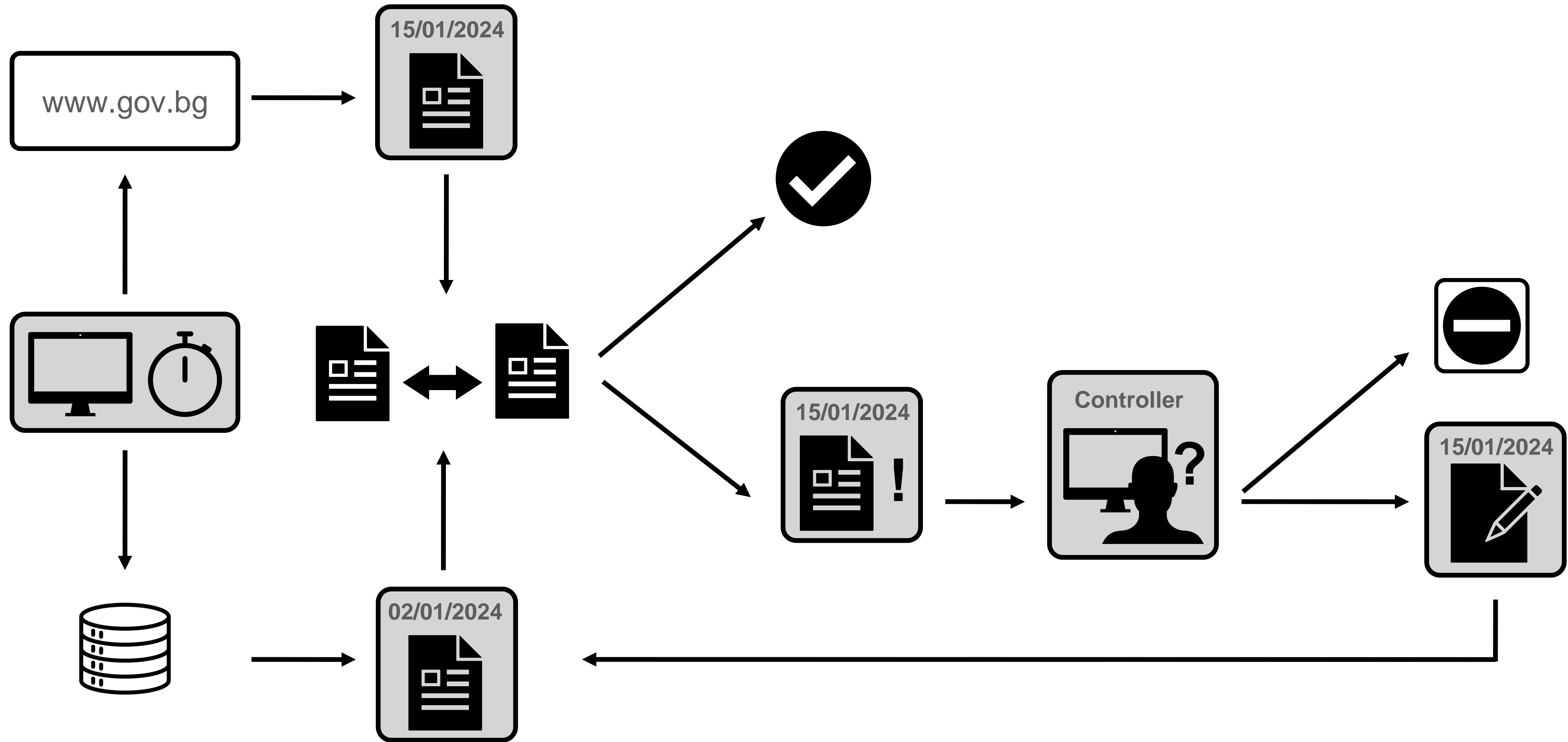
Later-date
Integrations

Updated court rulings,
jurisdiction, praxis etc..



Current Solutions

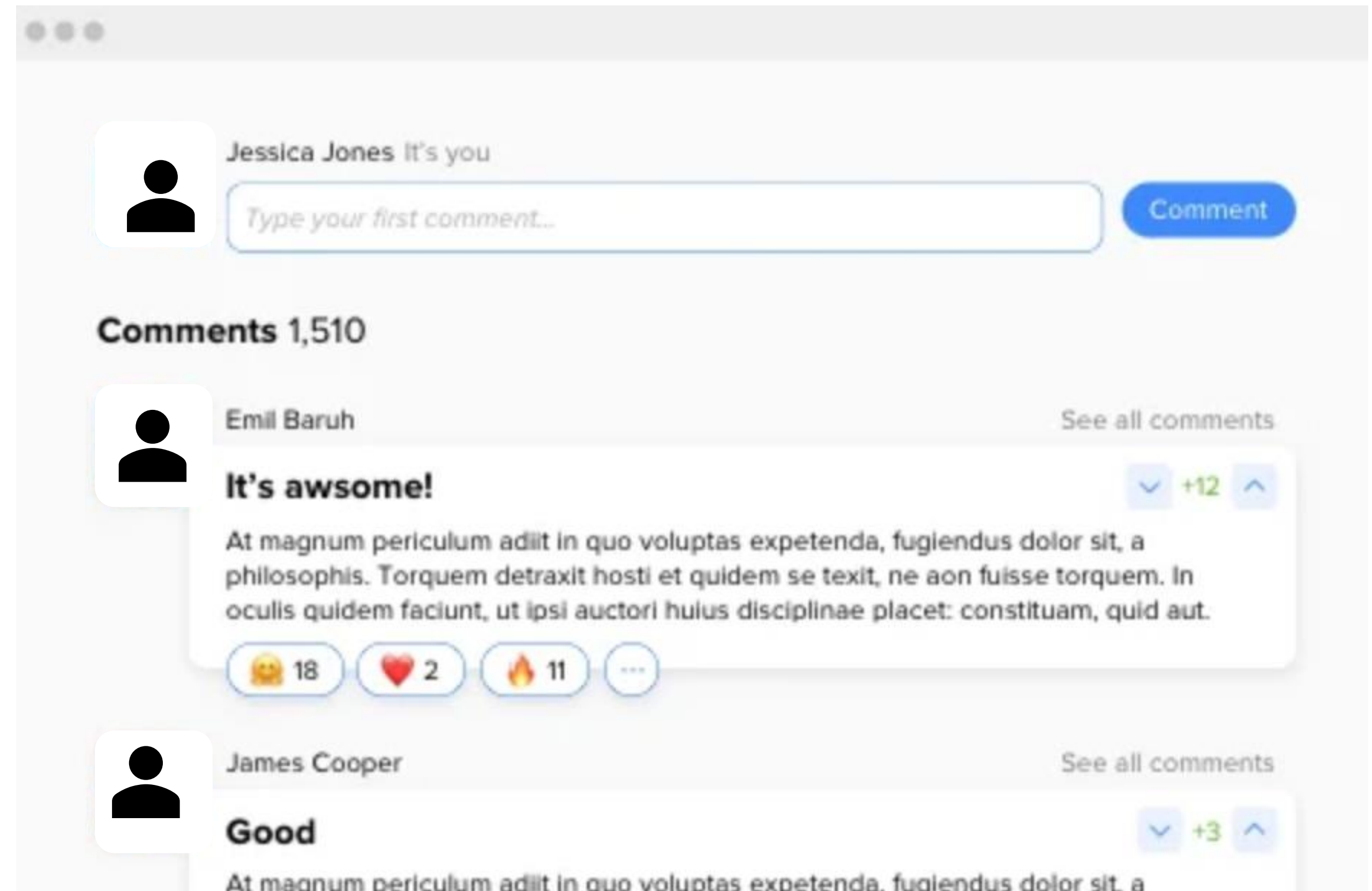
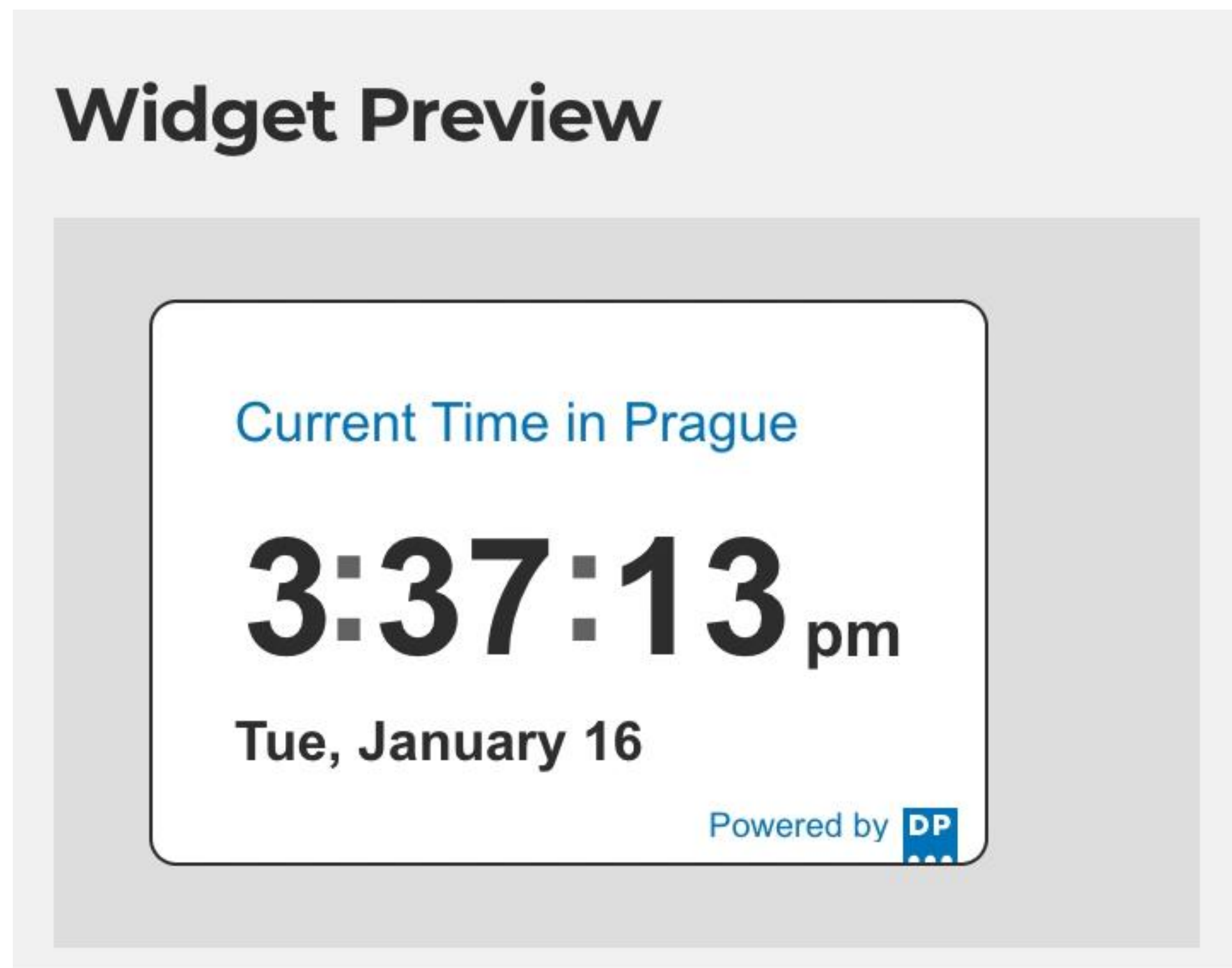
Change Detection Algorithm



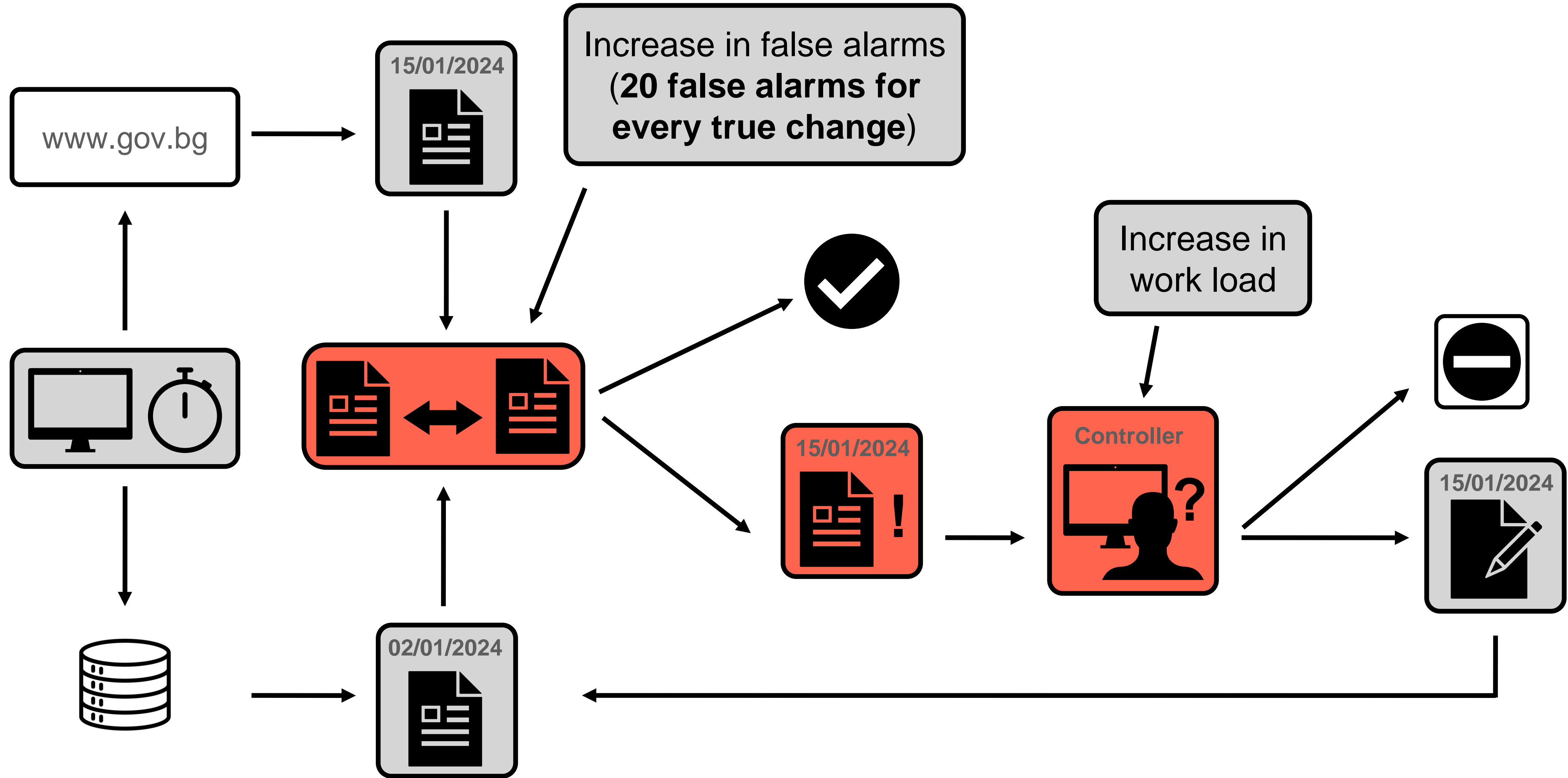
Drawbacks



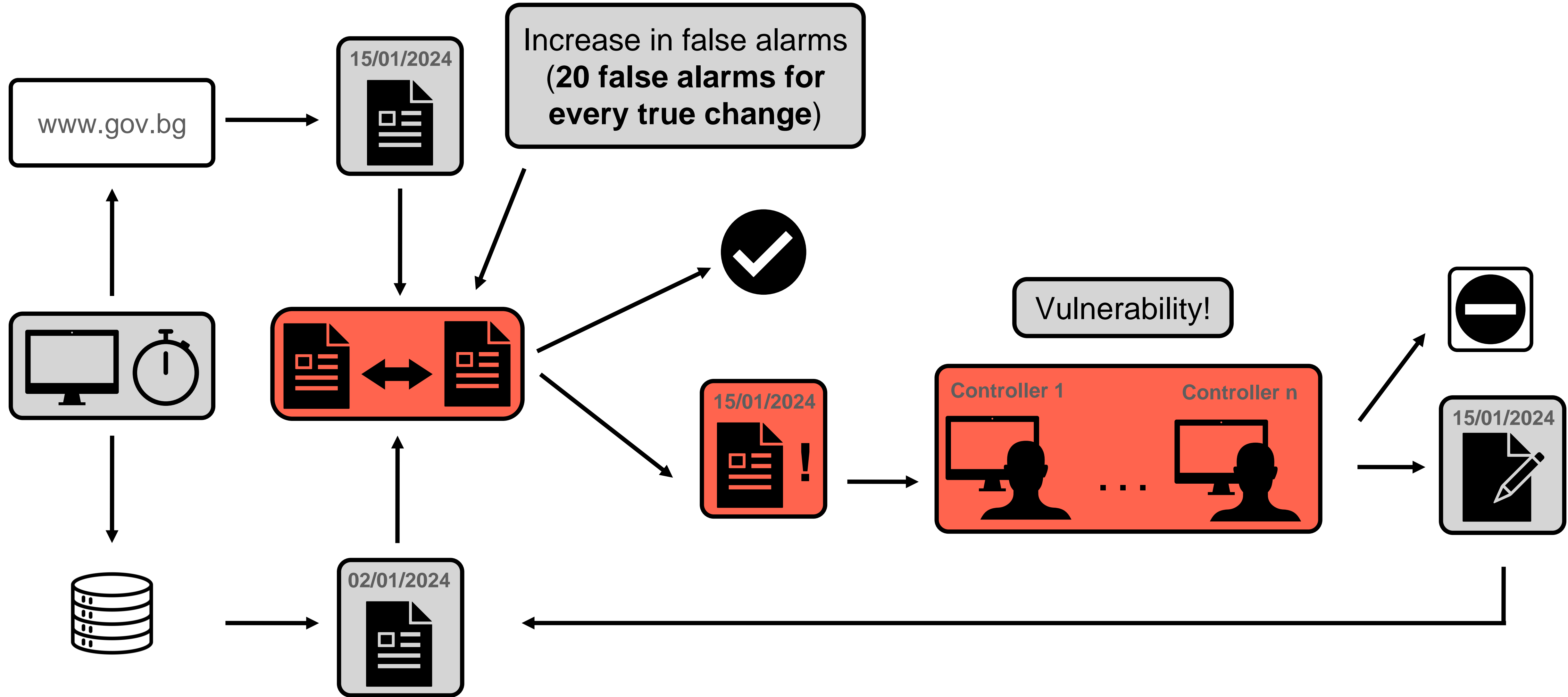
Widget Preview



Change Detection Algorithm



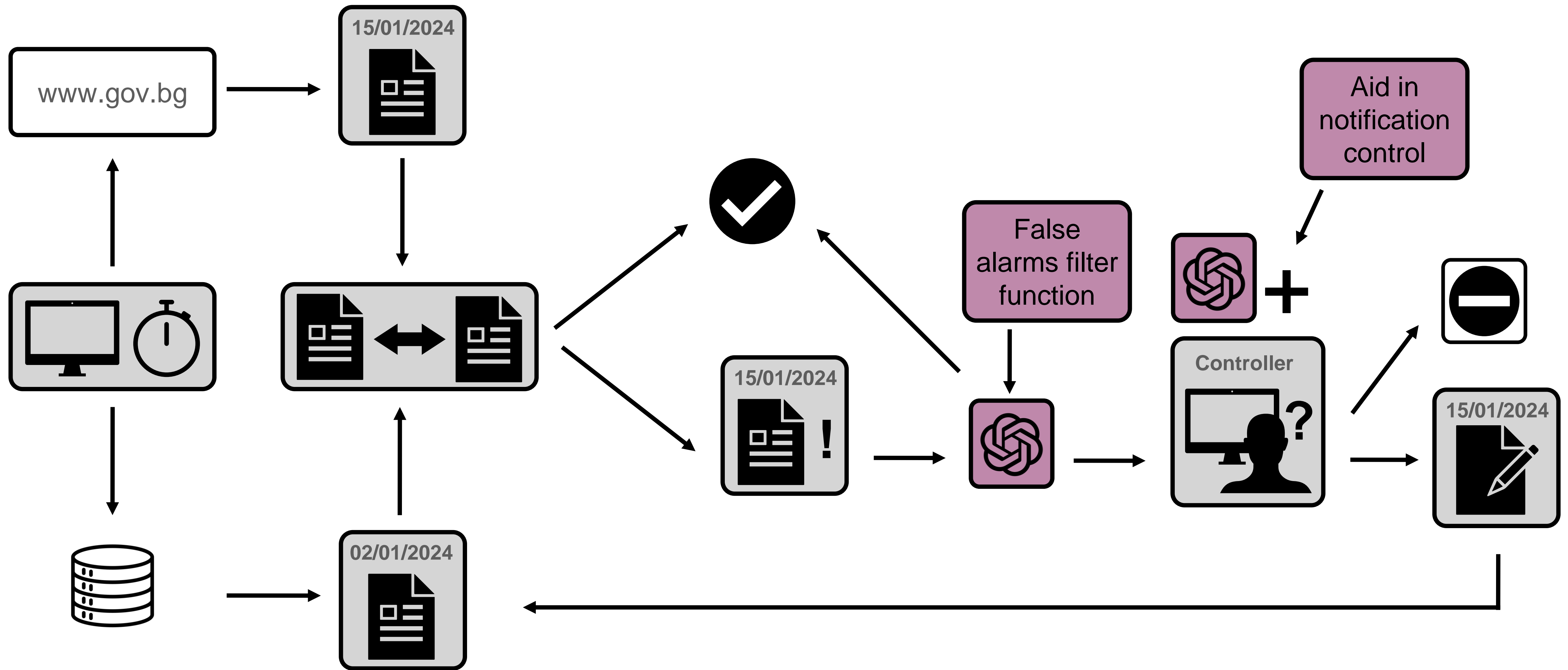
Change Detection Algorithm



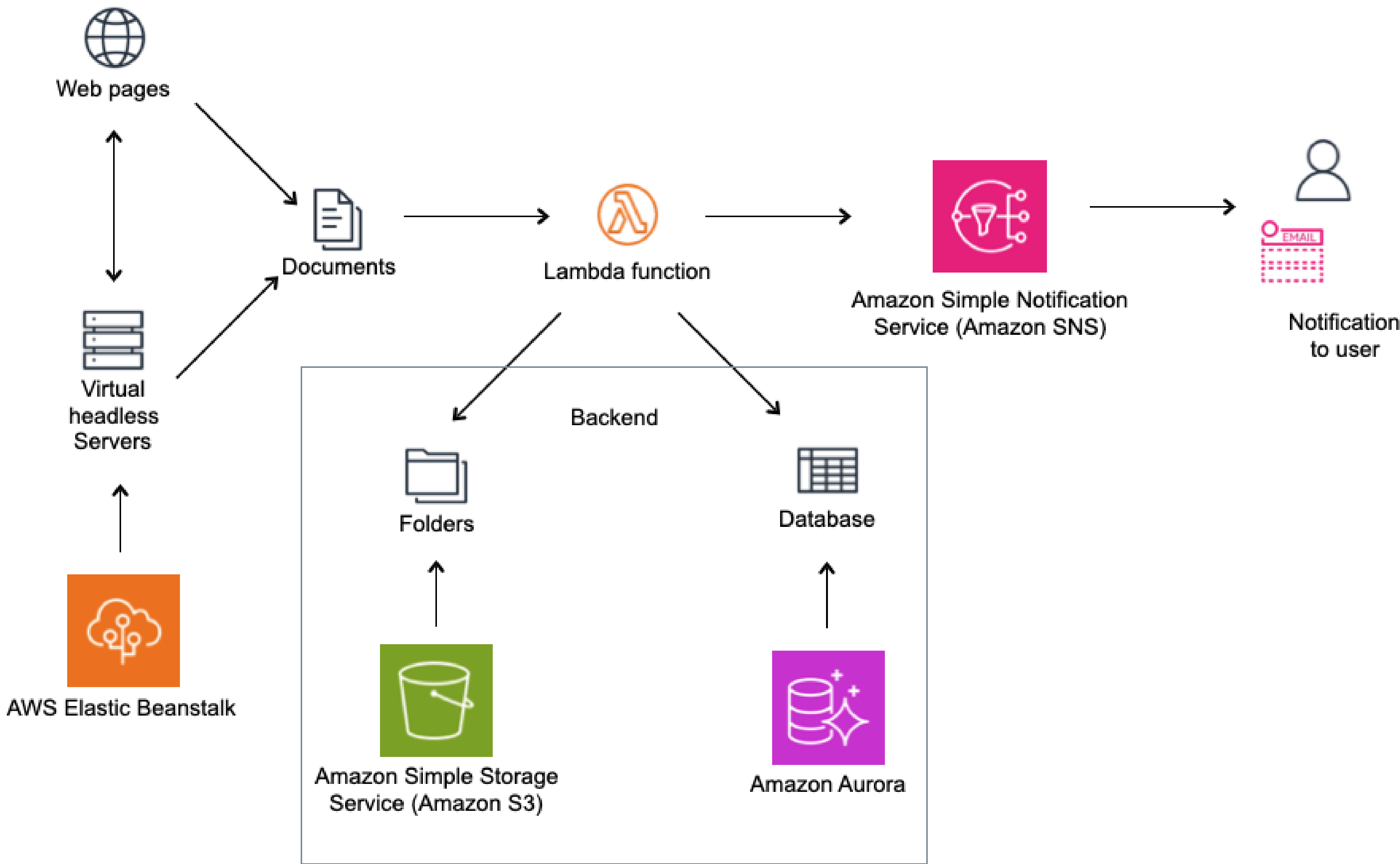
Proposed Solution

GPT-improved Change Detection Algorithm

LLM improved Change Detection Algorithm



Implementation



- ◆ DASHBOARD
- ◆ ADMINISTRATION
 - ▾ NATIONS
 - ▾ NPG COLLECTION
 - ▾ PUBLICATIONS
 - POST
 - ADMINISTRATIVE STRUCTURES
 - SOURCES
 - All
 - New Source
 - CHANGEDETECTION ALERTS
 - CATEGORIES
 - ROLES
 - NATION INFORMATION QUERY
 - SUBSCRIPTIONS
 - AI REPORTS
 - PUBLICATIONS PRINT

CHANGEDETECTION SOURCE: [CAMBOGIA, FRANCIA, RISK ASSESSMENT, HEALTH](#)

[Diff](#) [Screenshot](#)

Differences

Words
 Lines
 Compare notification (18/9/2023, 20:23:14) with

Removed text inserted Text

[Jump](#)

Fermer

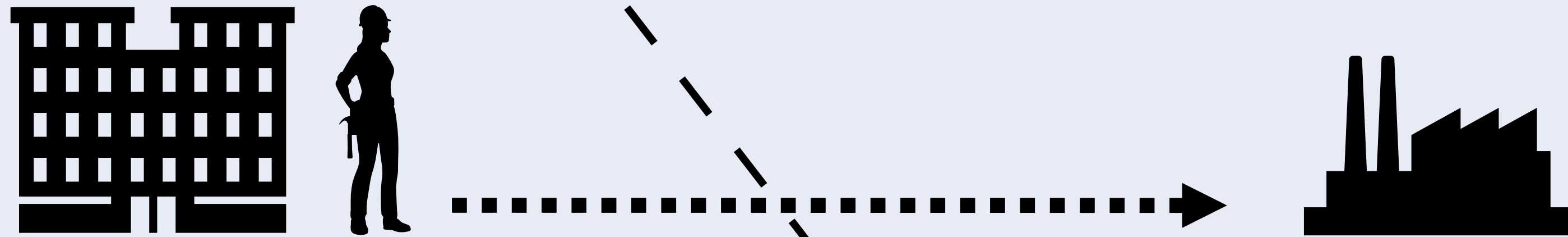
Panneau de gestion des cookies
En autorisant ces services tiers, vous acceptez le dépôt et la lecture de cookies et l'utilisation de technologies de suivi nécessaires à leur bon fonctionnement.

Politique de confidentialité
Préférences pour tous les services
Tout accepter Tout refuser

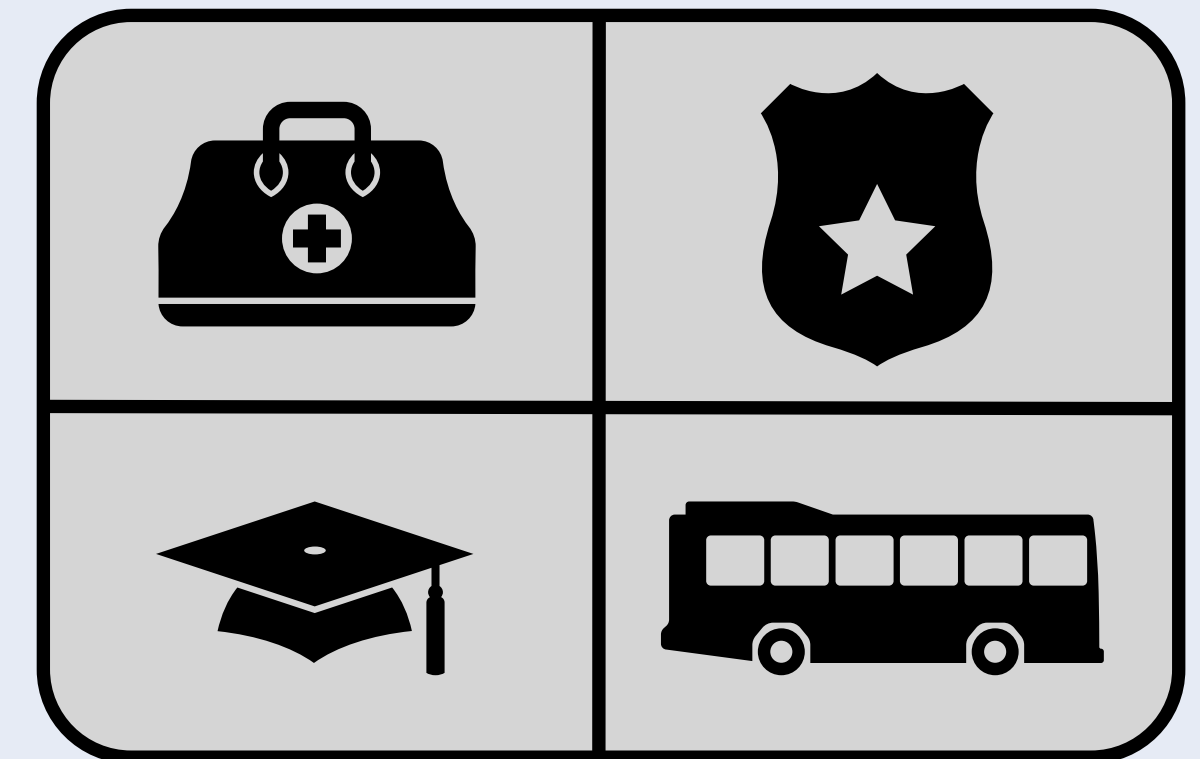
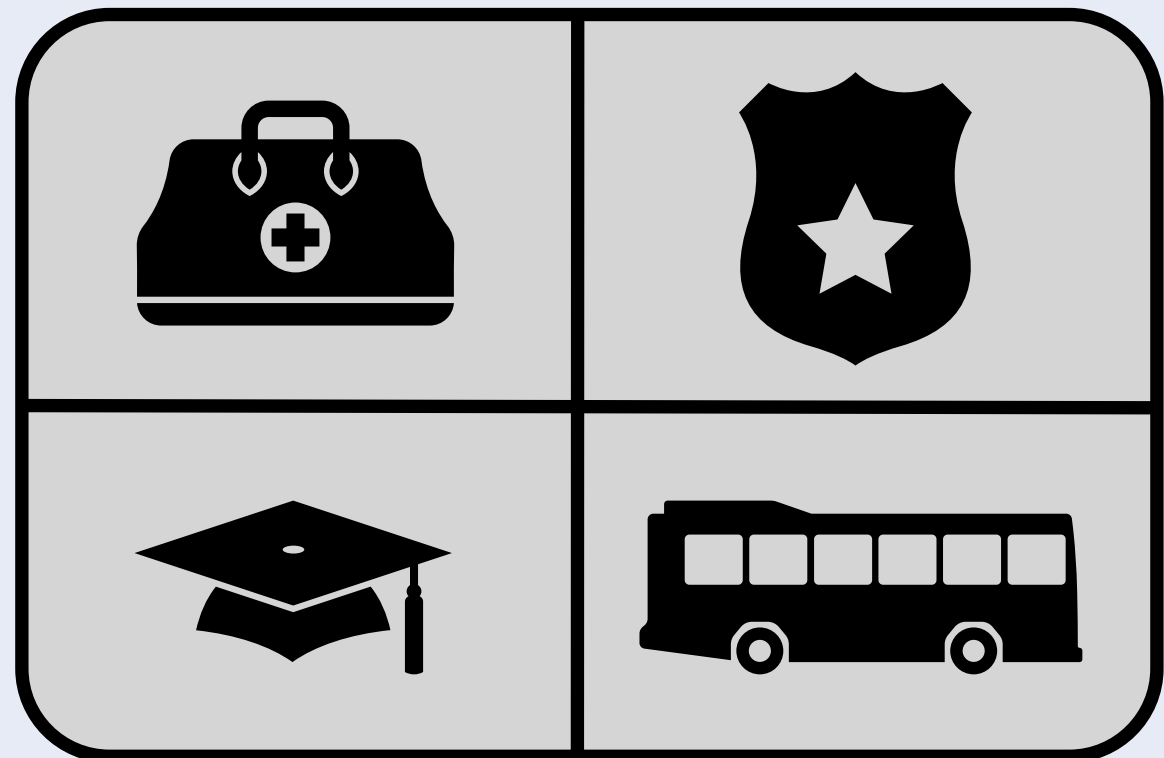
- * Mesure d'audience
Les services de mesure d'audience permettent de générer des statistiques de fréquentation utiles à l'amélioration du site.
+ AT Internet refusé Ce service peut déposer 8 cookies.
En savoir plus
Accepter Refuser
- * Réseaux sociaux
Les réseaux sociaux permettent d'améliorer la convivialité du site et aident à sa promotion via les partages.
+ Facebook refusé Ce service ne dépose aucun cookie.
En savoir plus
Accepter Refuser
- + Twitter refusé Ce service ne dépose aucun cookie.
En savoir plus
Accepter Refuser
- * Vidéos
Les services de partage de vidéo permettent d'enrichir le site de contenu multimédia et augmentent sa visibilité.
+ Dailymotion refusé Ce service peut déposer 5 cookies.
En savoir plus
Accepter Refuser
- + Podcastics refusé Ce service ne dépose aucun cookie.
En savoir plus
Accepter Refuser
- + SoundCloud refusé Ce service peut déposer 1 cookie.
En savoir plus
Accepter Refuser
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En savoir plus
Accepter Refuser

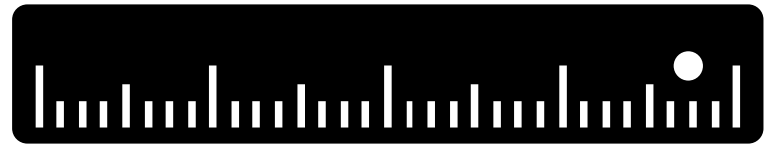
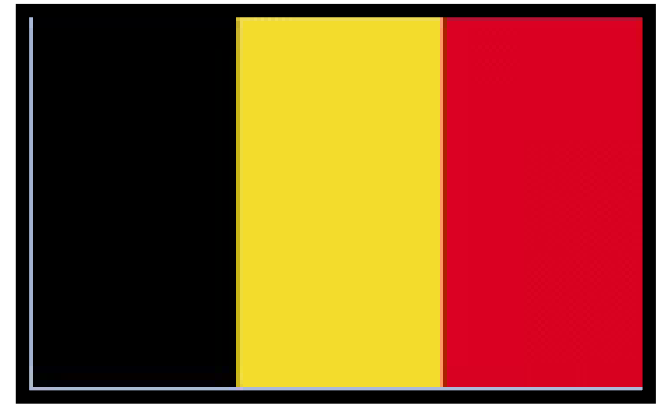
Problem 2

Duty of Care Simplified?

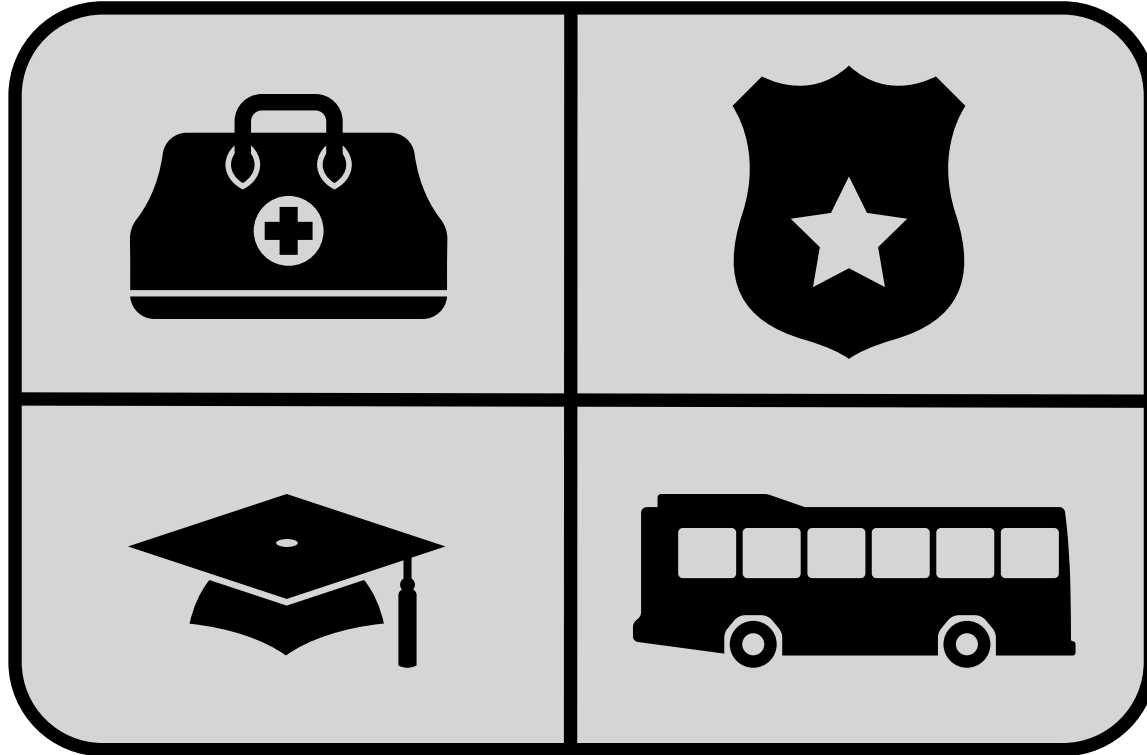


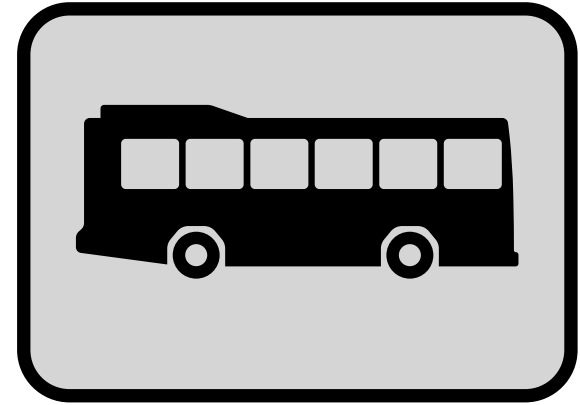
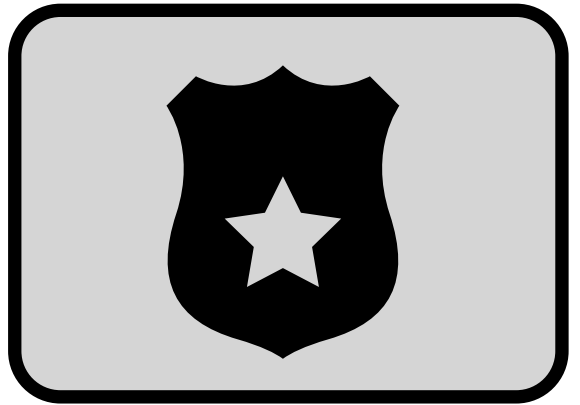
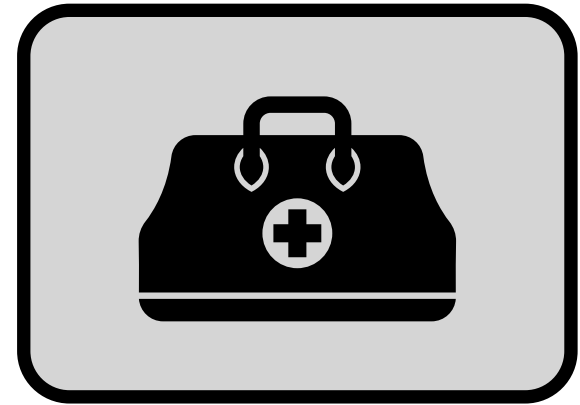
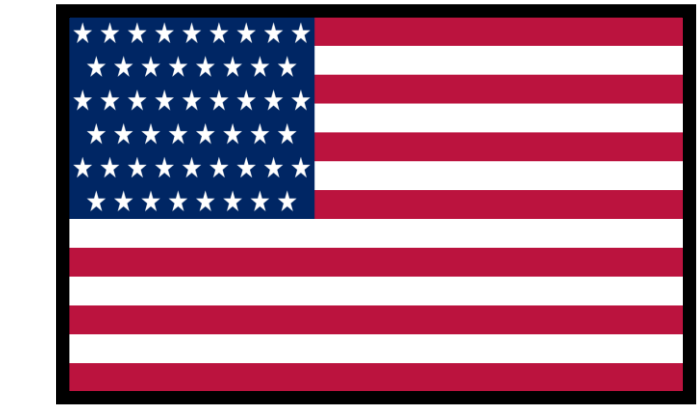
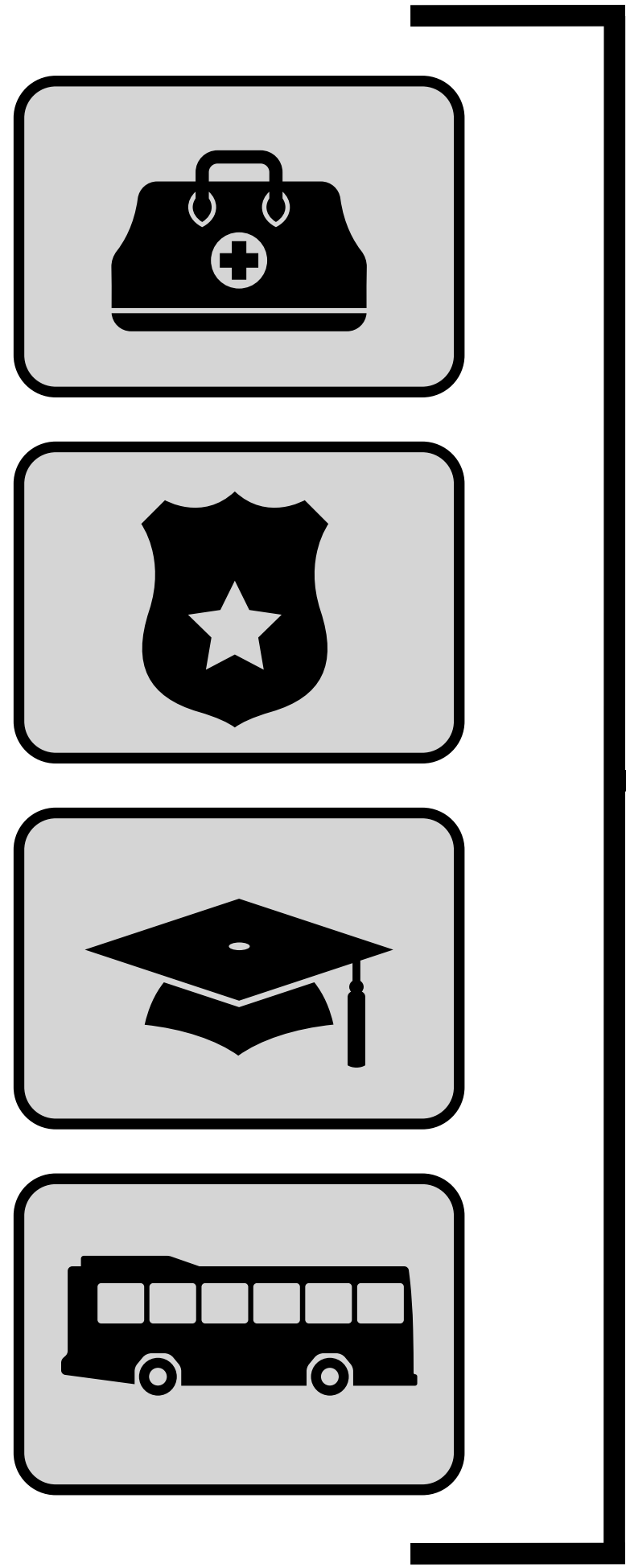
Employer Duty of Care

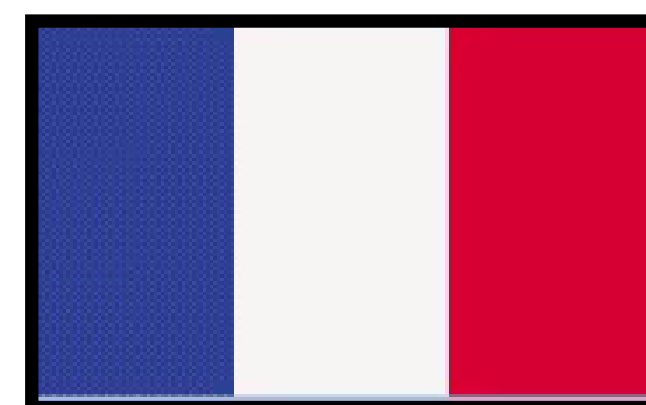
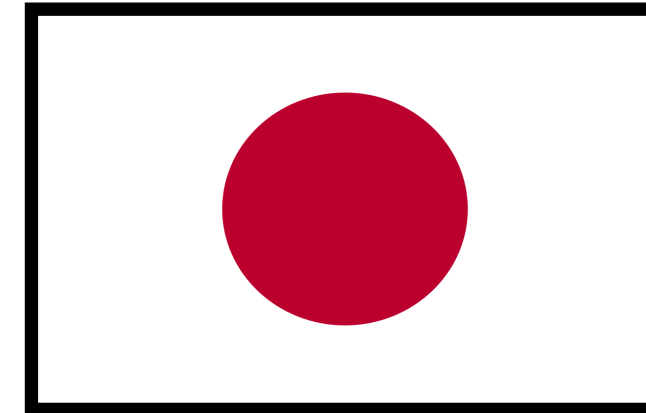
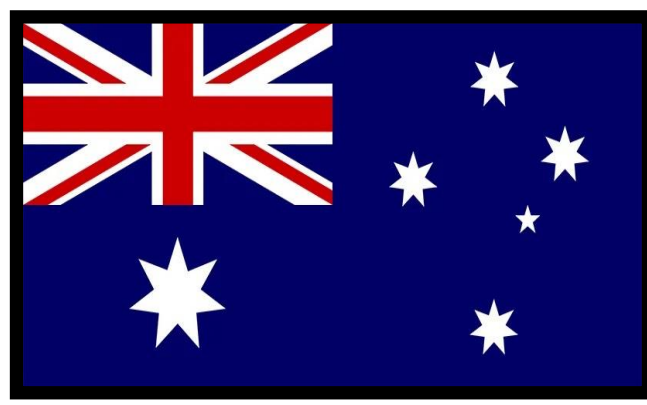
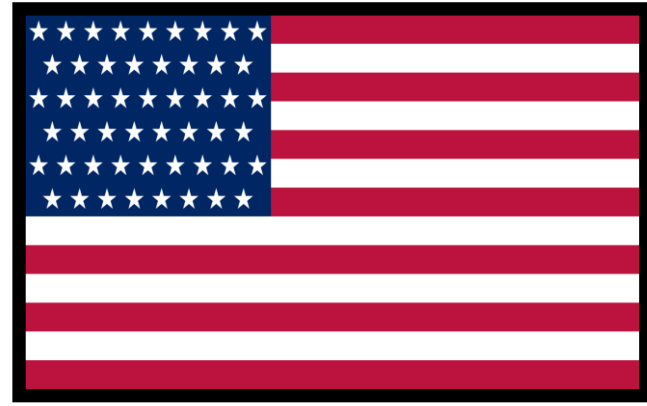
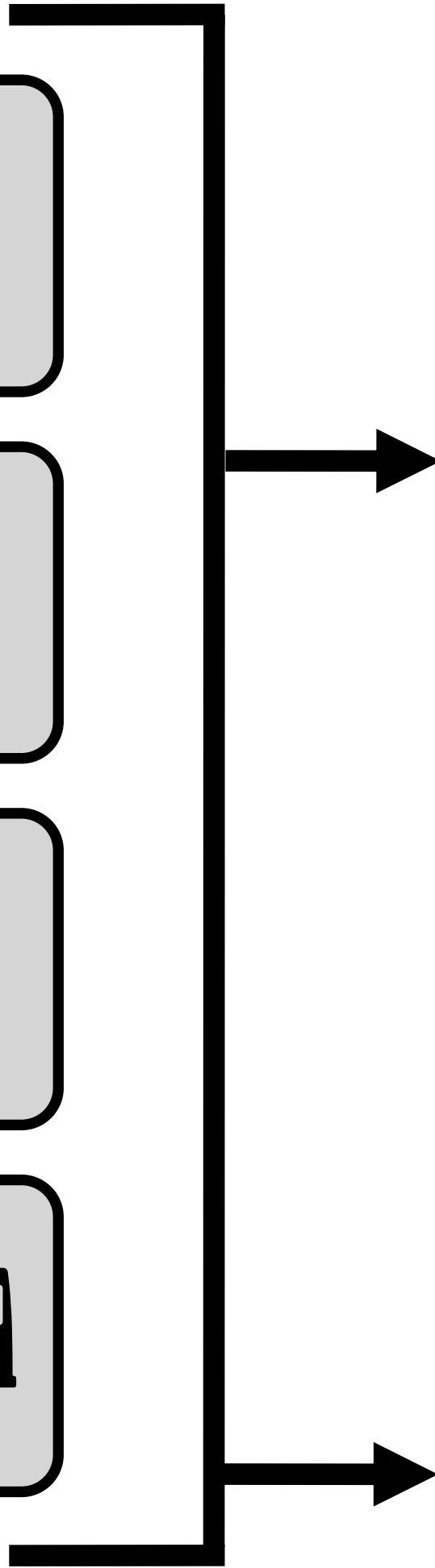
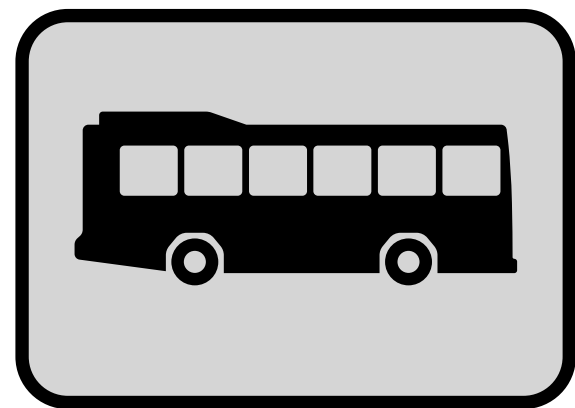
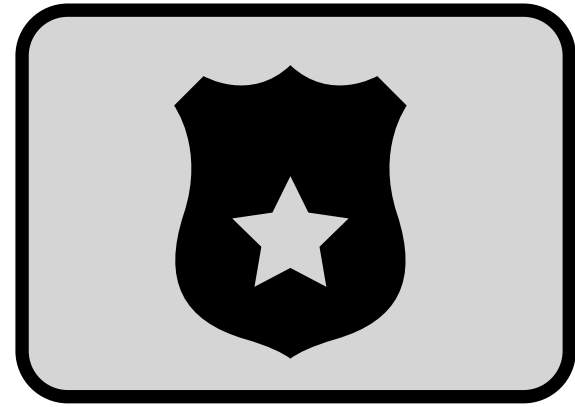
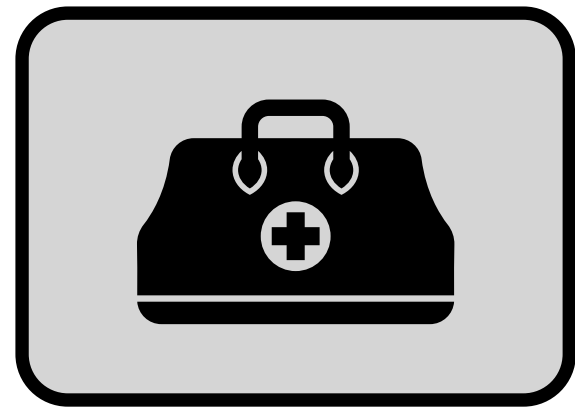


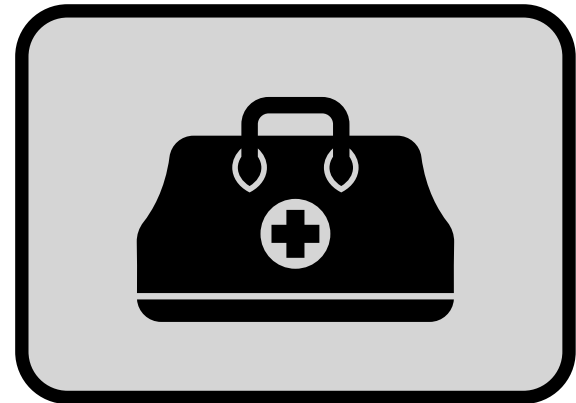
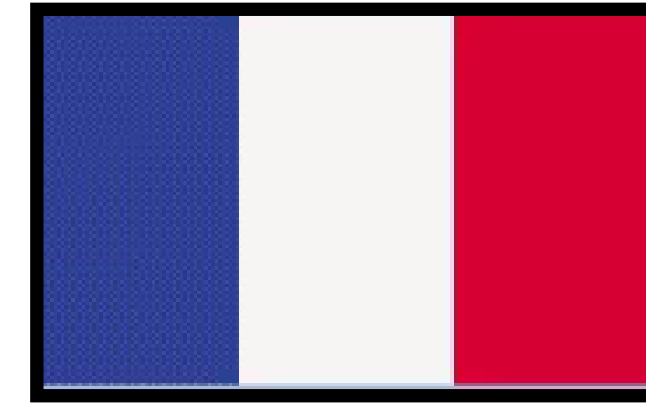
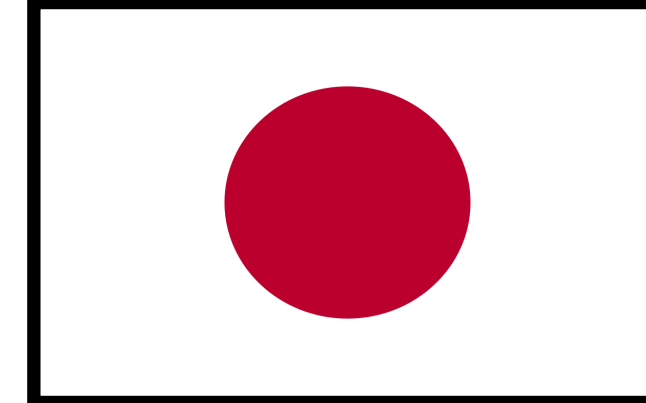
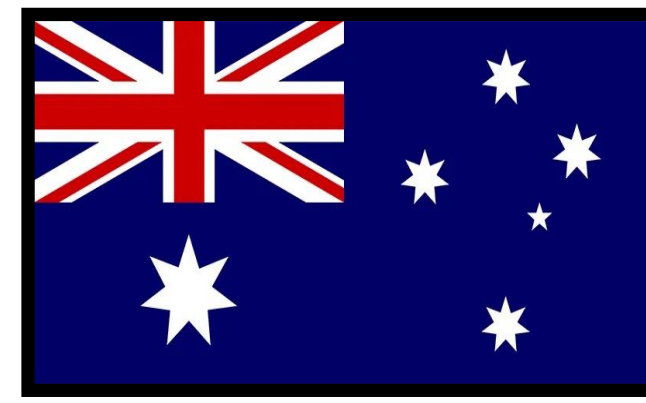
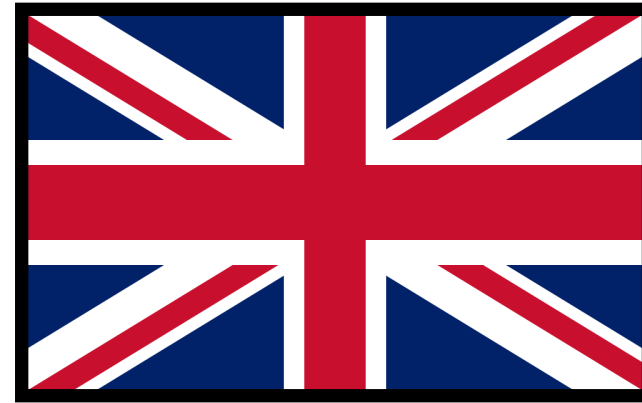
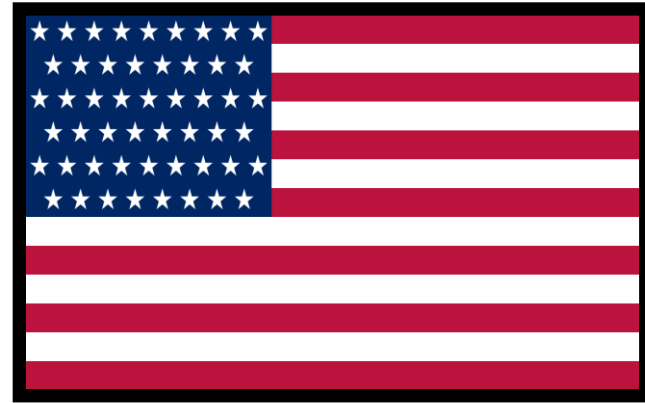


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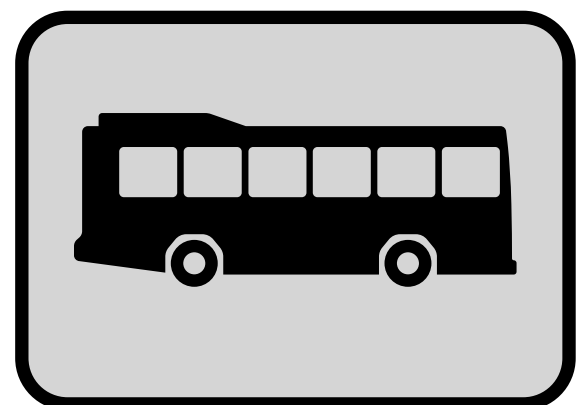
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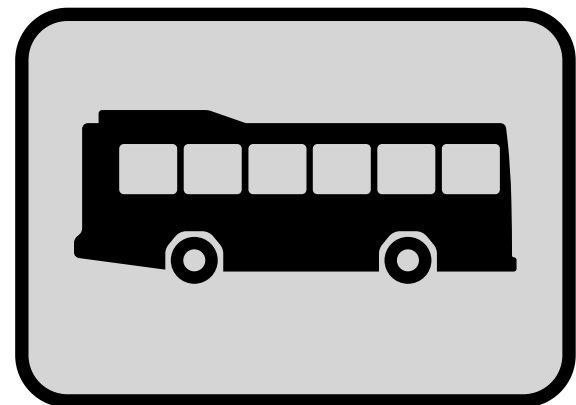
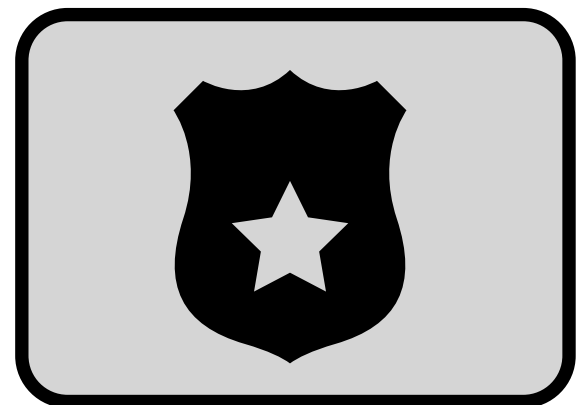
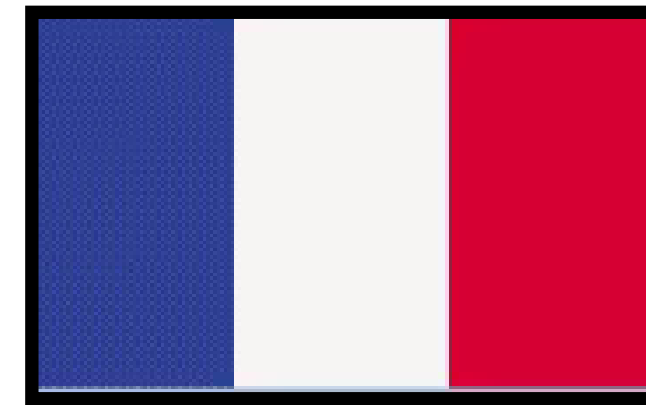
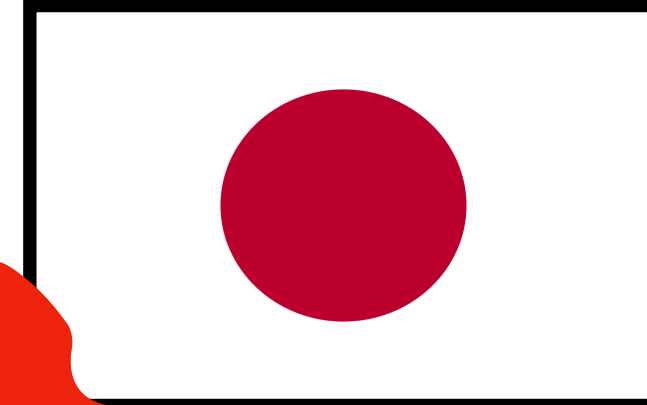
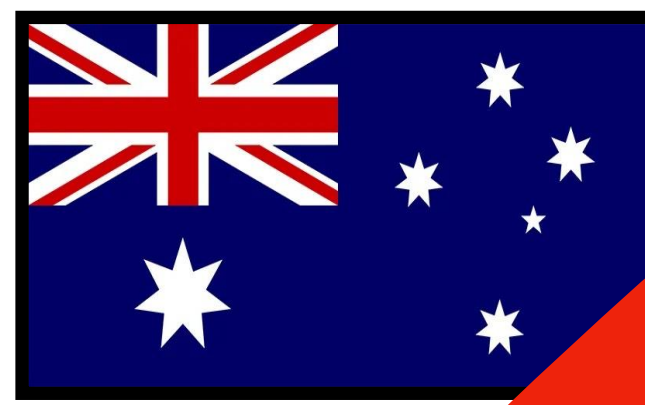
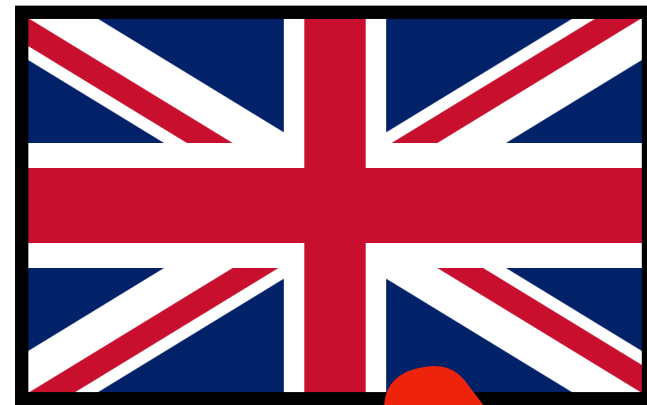
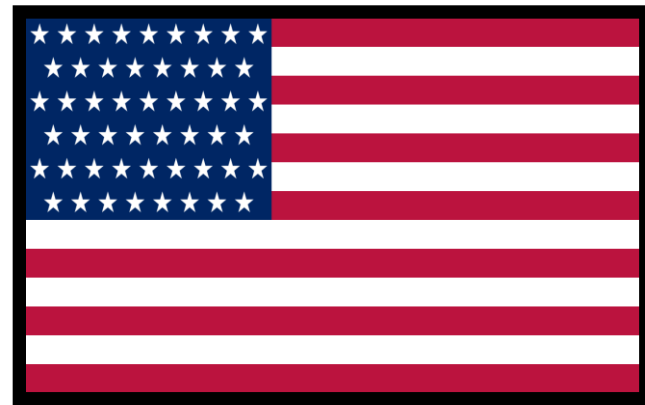
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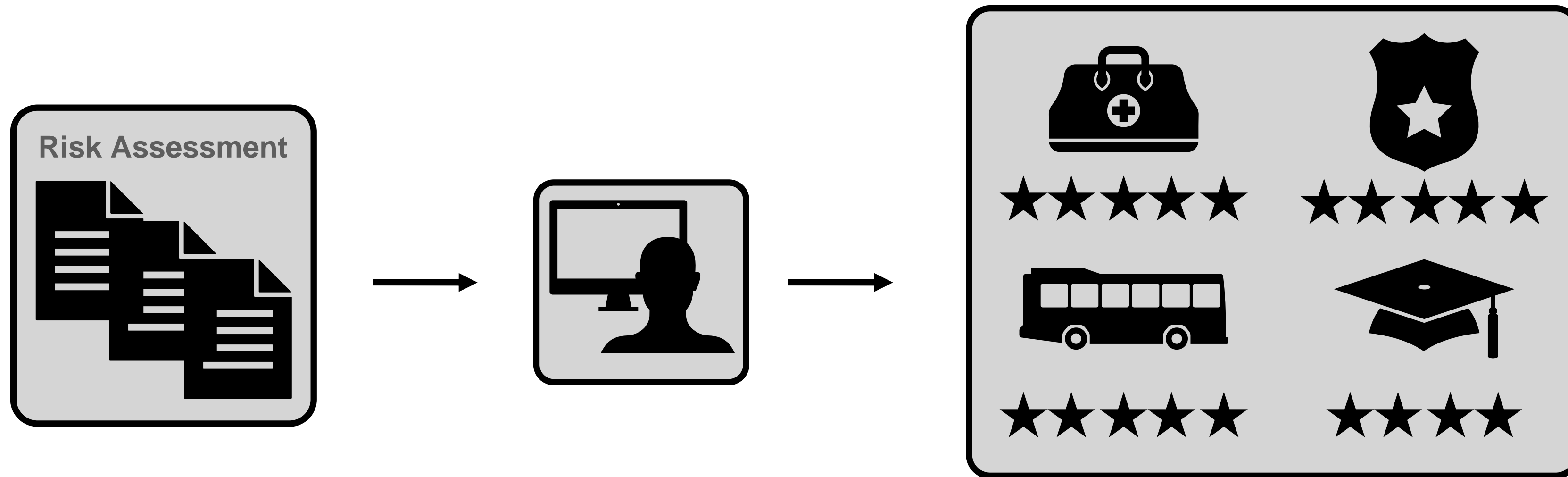


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Current Solutions

Manual Categorisation



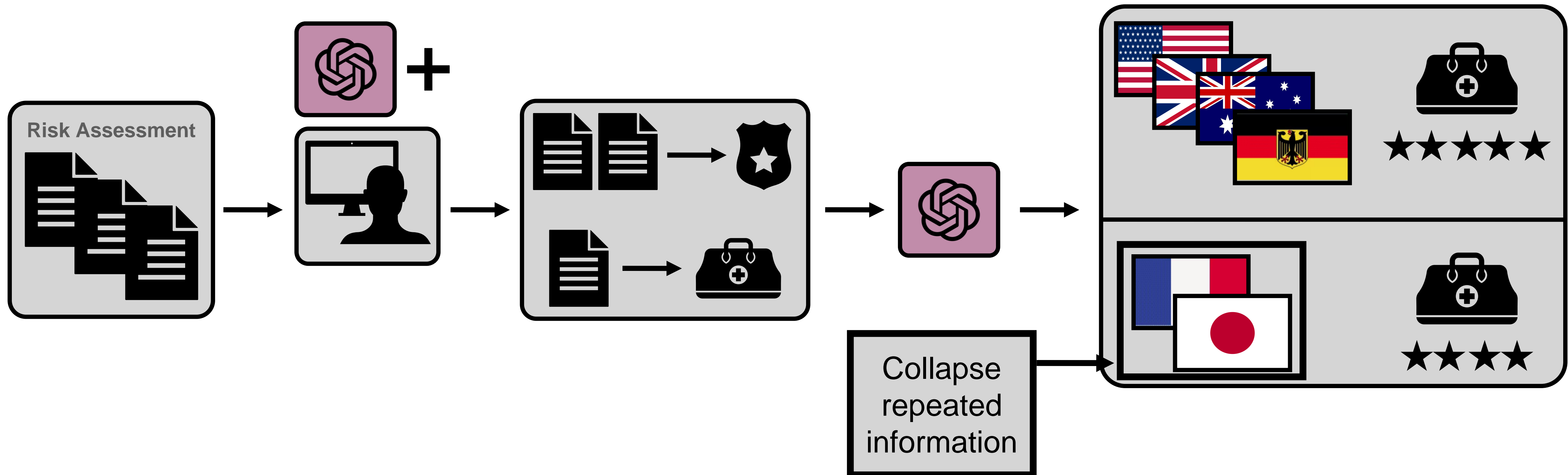
Proposed Solution

GPT-improved Rating Measurement Implementation

GPT-Augmented Categorisation

1. Automatic sorting into conceptual categories

2. Associates each rating with the country that produced it



|| NPG COLLECTION >

 PUBLICATIONS >

• POST >

• ADMINISTRATIVE STRUCTURES

• SOURCES >

• CHANGEDETECTION ALERTS

• CATEGORIES

• ROLES

• NATION INFORMATIONS
QUERY >

• SUBSCRIPTIONS >

• **AI REPORTS** >

• Gestione AI Report

• AI Posts

• AI Prompts

• PUBLICATIONS PRINT

 RISK ASSESMENT >

 NATION INFORMATION VIEW

Select a country!

Venezuela

+

-



AI Reports: VENEZUELA

 Report AI Chat


 Export AI posts


Risk Assessment > Safety and Security > Aree geografiche sconsigliate

[← Torna alle categorie](#)

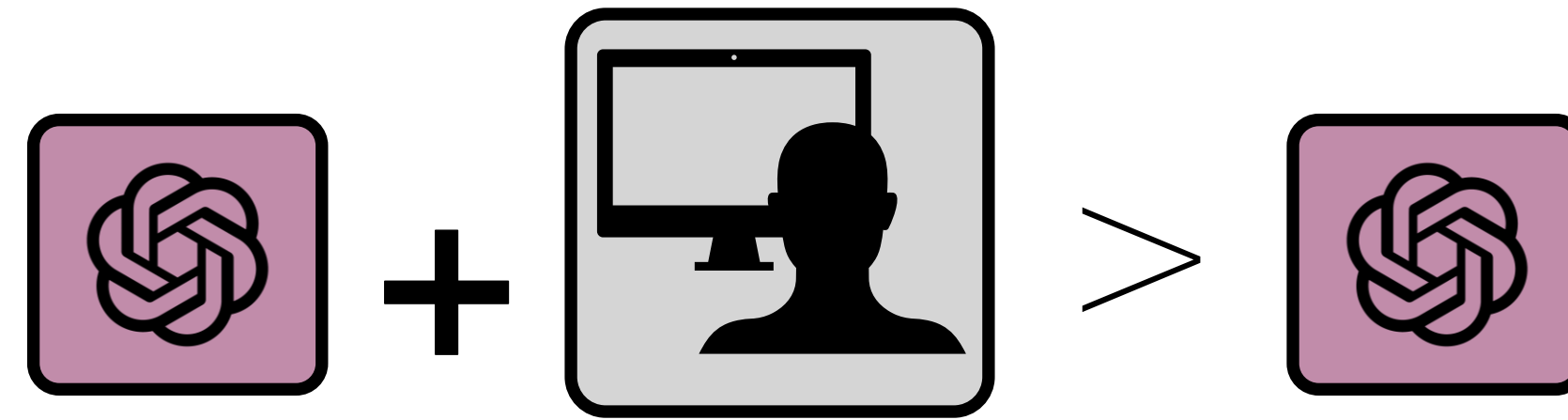


AI Reports: VENEZUELA

 Report AI Chat

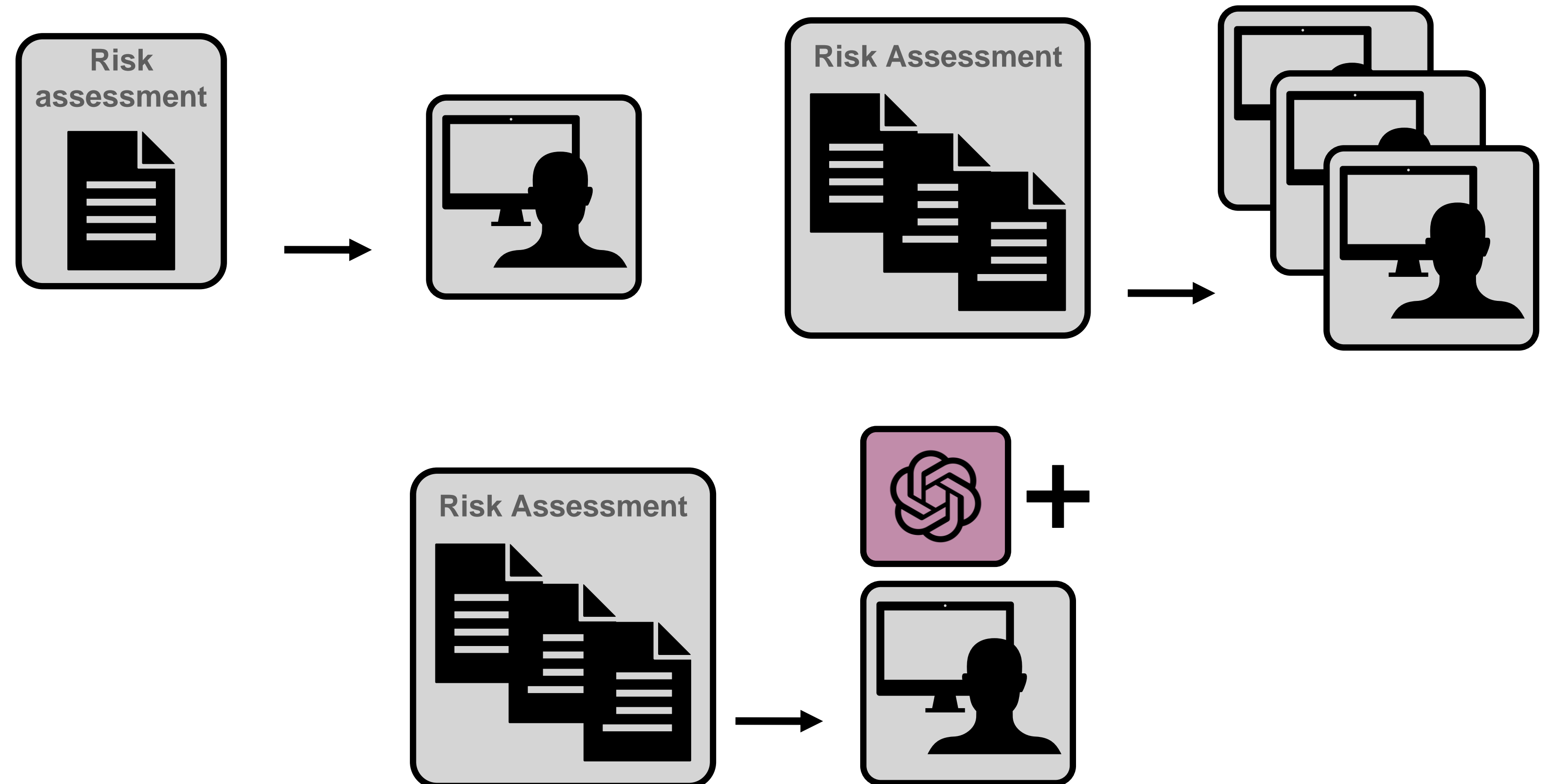
 Export

 Loading ...



Lessons Learned

Best results with extensive testing and human verification



Thank you for your attention

