



Co-inform

Context Matters,
Your Sources Too

Interface Development – First version

D4.5

#ThinkCheckShare

Document Summary Information

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Revision History

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1.0	28/05/2019	SCYTL	Initial version
1.1	31/07/2019	SU	Overall review. Submission.

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Executive Summary

This report provides a first version of the user interfaces for the Co-Inform plugin.

At this stage of the project, there are not sufficient requirements to start designing the user interfaces for the Co-Inform dashboard.

The interfaces will be inspired by the stakeholder requirements from WP1, and by the policies and intervention strategies from WP2. The interfaces will be co-created with stakeholders (citizens, journalists, and policymakers) via WP1.

This deliverable will be complemented in an additional iteration (D4.6), to be submitted in M30.

The upcoming version will feed from the on-going results from WP1, WP2 and WP3.

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1. Introduction

Misinformation online generates misperceptions. The speed and ease in which false news spread on social media have a massive impact on current affairs and policies. By bringing together a multidisciplinary team of researchers and experts in computer science, behavioural science, and sociology, Co-Inform aims at engaging all stakeholders in fighting misinformation by providing them with the tools to identify ‘fake news’ online, understand how they spread, and provide them with verified information.

To this end, Co-Inform will integrate its ICT tools and services (WP3) and policy encodings (WP2) to deliver a co-created misinformation resilience platform in the form of:

- A browser plugin to raise citizens’ awareness of fully or partially misinforming content, of related fact-checking articles and corrective information, of average citizens’ perceptions towards this content, and of key pro and against comments from fellow citizens.
- A dashboard for fact-checking journalists and policymakers, showing that misinformation was detected, where originated from, how and where it has spread and will spread in the near future, what’s the current and predicted public perception, and what are the key comments about it from the public. The dashboard will also show the news articles or information that users requested to be fact-checked.

This deliverable provides a first version of the user interfaces for the Co-Inform plugin.

This is a preliminary version of the user interface, which builds on the contents of D4.1 and D4.2.

The current document will be reviewed, updated and detailed as required in order to comply with the set of requirements gathered with the platform’s end-users in the course of the activities within WP1, with the management policies from WP2 and with the services developed in WP3. Specifically, it will be updated in an additional iteration (D4.6), to be submitted in M30.

2. User interface for the Co-Inform plugin

2.1. Twitter

Following, we provide samples of the user interface that has been implemented for the Co-Inform browser plugin on Twitter:

- Tweets identified as containing misinformation are hidden (**Figure 1**)

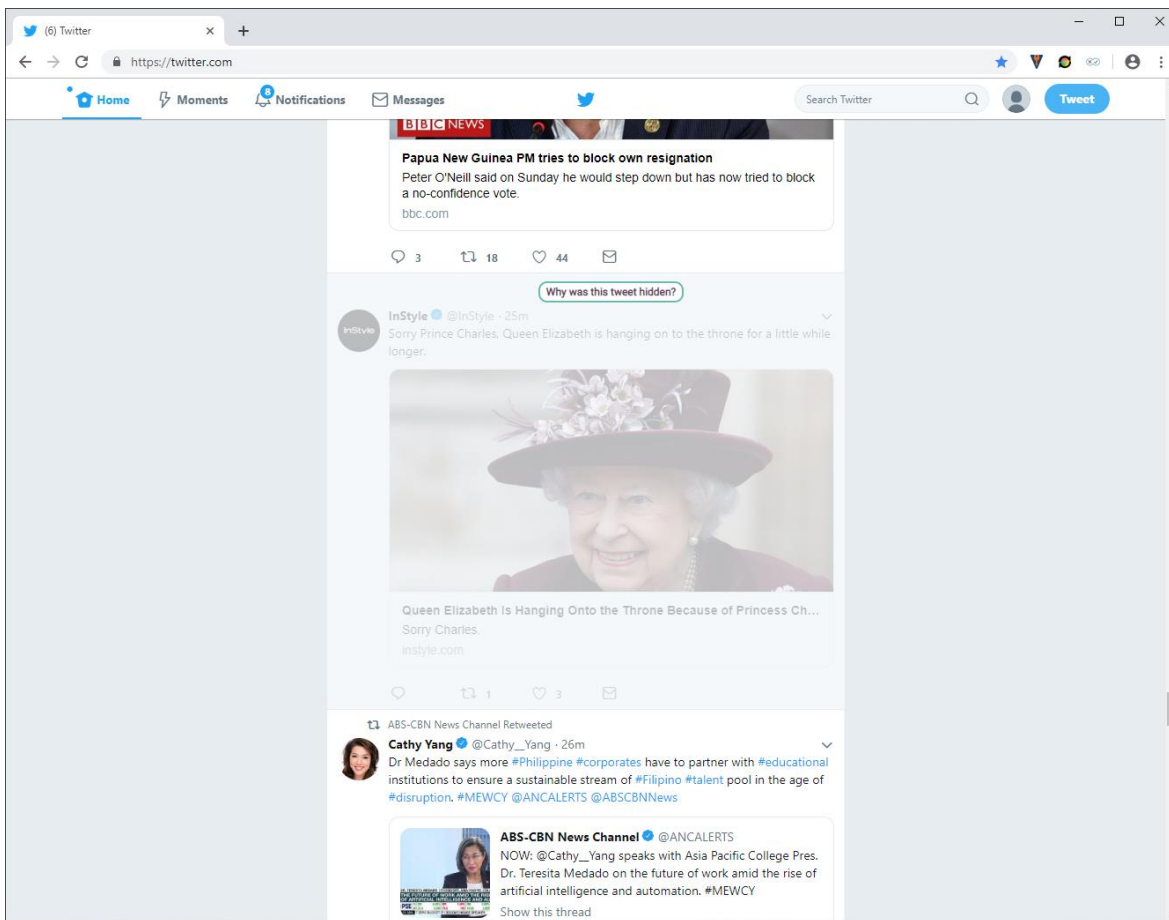


Figure 1. Hidden tweet on Twitter's home page

- Tweets are more or less hidden (the intensity changes) depending upon the misinformation score of the tweet (**Figure 2**)

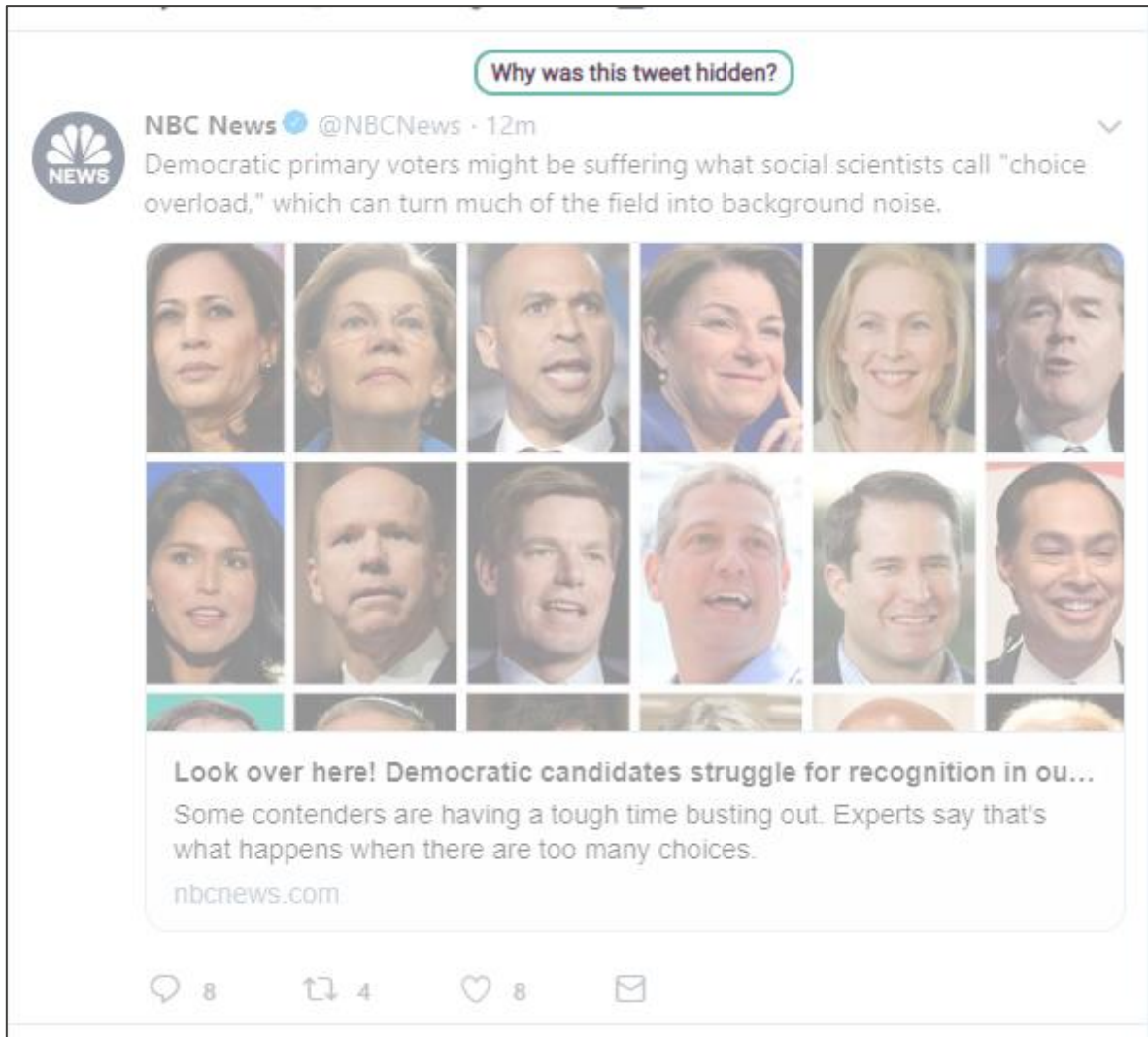


Figure 2. Detail of hidden tweet hidden on Twitter's home page

- When a tweet is hidden, users can click on “Why was this tweet hidden?” button to access the tweet’s misinformation score (**Figure 3**)

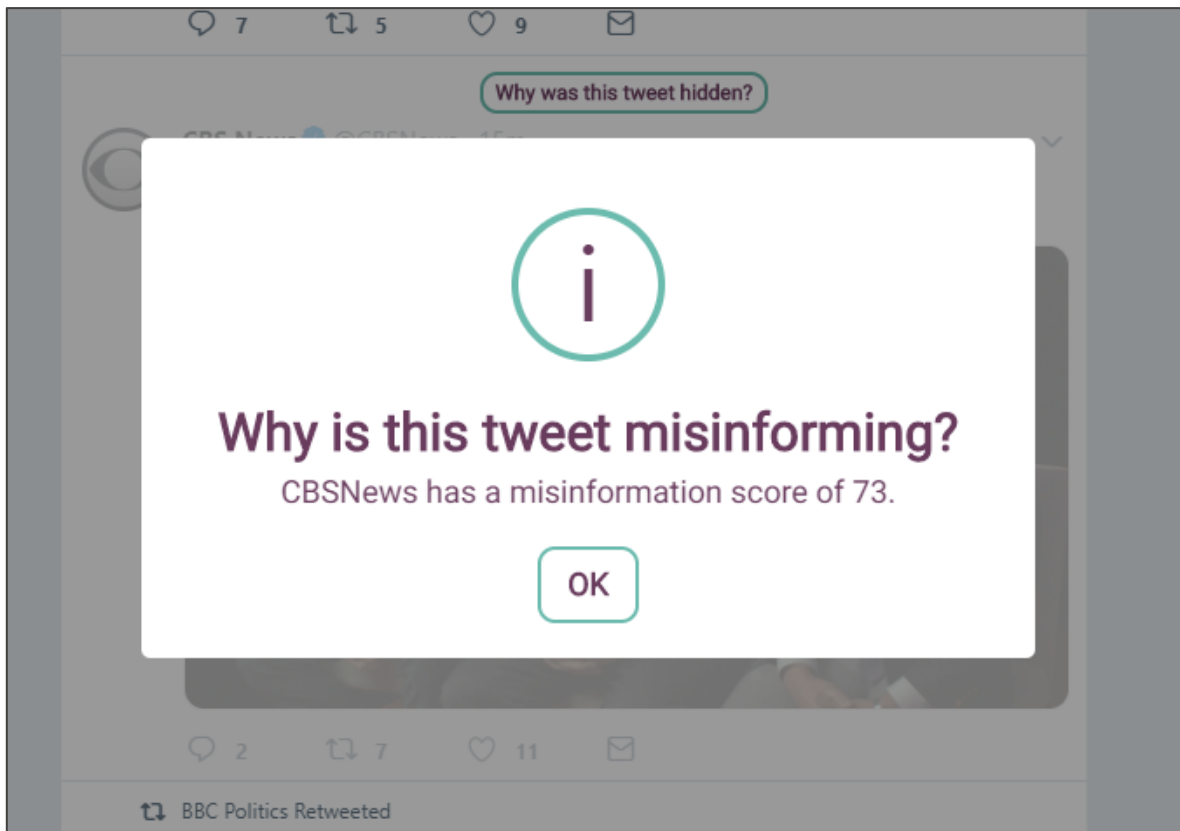


Figure 3. Detail of the interface showing the misinformation score on Twitter

- Currently, the plugin decides to hide a tweet based on the account’s misinformation score¹.

¹ See D4.3 for more information on the misinformation score

2.2. Facebook

Following, we provide samples of the user interface that has been implemented for the Co-Inform browser plugin on Facebook:

- Posts identified as containing misinformation are hidden (**Figure 4**)

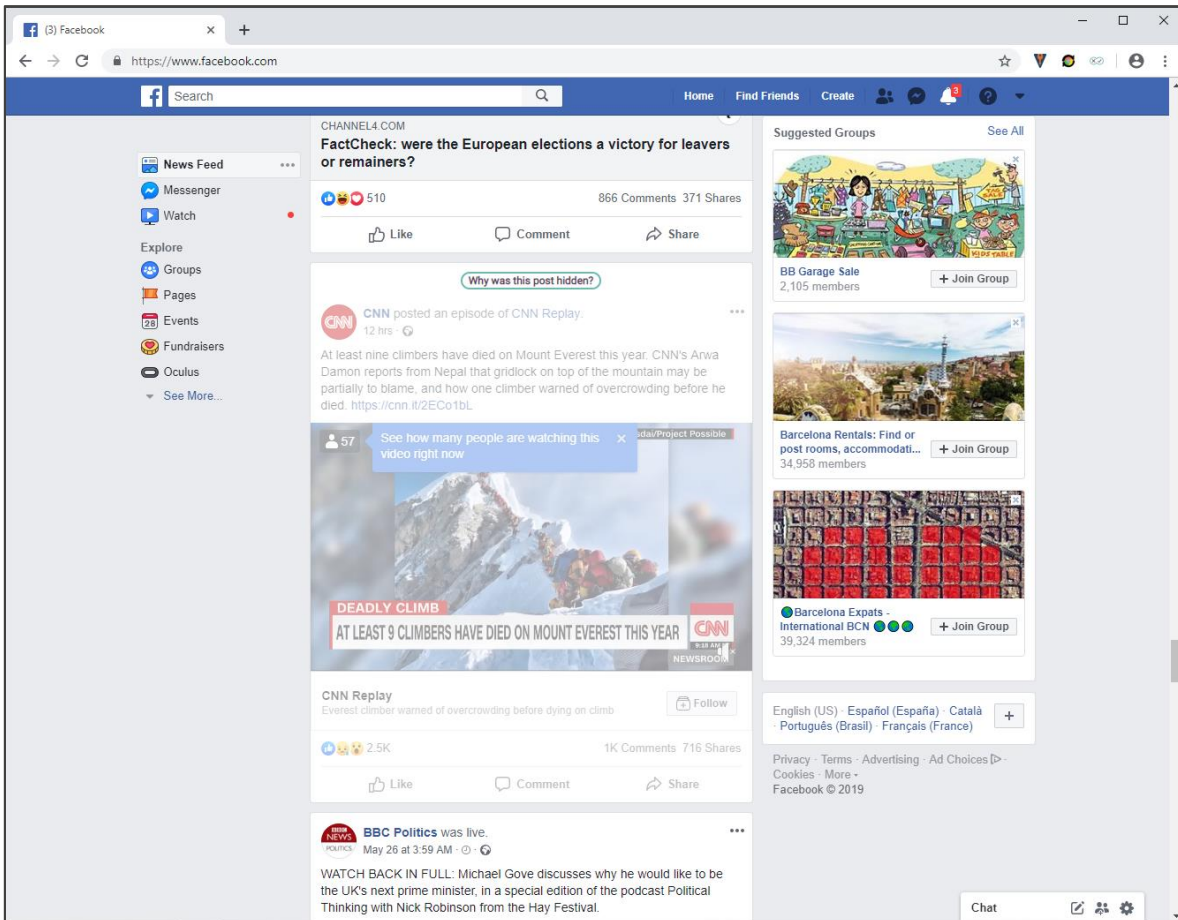


Figure 4. Hidden post on Facebook's feed

- Posts are more or less hidden (the intensity changes) depending upon the misinformation score of the post (**Figure 5**)



Figure 5. Detail of hidden post on Facebook's feed

- When a post is hidden, users can click on “Why was this tweet hidden?” button to access the post’s misinformation score (**Figure 6**)

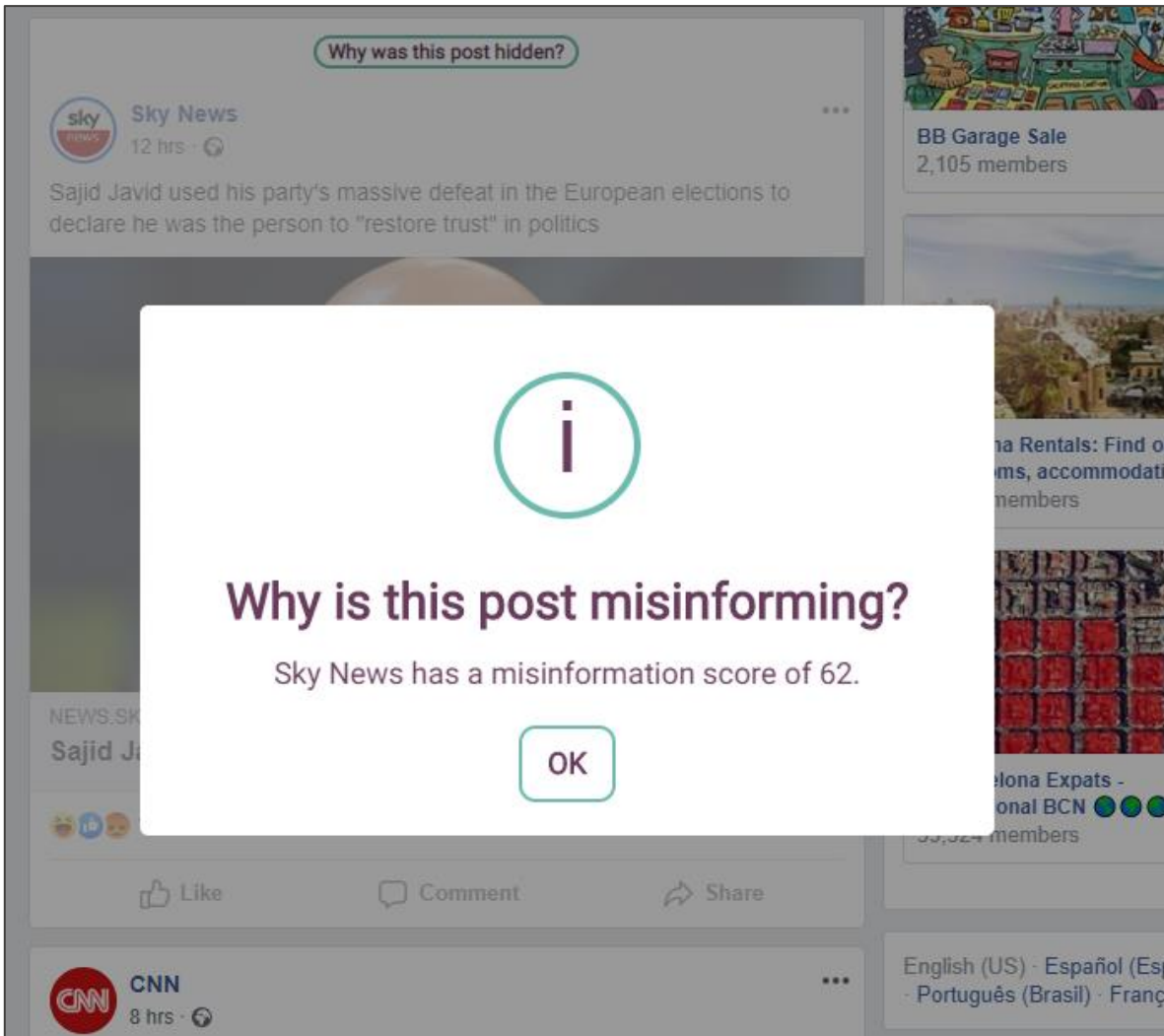


Figure 6. Detail of the interface showing the misinformation score on Facebook

- Currently, the plugin decides to hide a post based on the account’s misinformation score.

3. Conclusions

This deliverable provides a first version of the user interfaces for the Co-Inform plugin.

This is still a preliminary version of the architecture, which will be revised, updated and detailed as required in order to comply with the set of requirements gathered with the Platform's end-users in the course of the activities within WP1, with the management policies from WP2 and with the services developed in WP3. Specifically, it will be updated in an additional iteration (D4.6), to be submitted in M30.

Specifically, future versions of this deliverable should also specify:

- User interfaces for the Co-Inform dashboards