Table 1: Focus areas of the study
(adopted from Desolda et al. (2021) and Hu et al. (2021))

| Topic | Definition |
|-------|------------|
| Phishing education | Education interventions are aimed at developing user knowledge and skills of recognizing phishing attempts, enhance user understanding and enable users to gain insights about phishing. |
| Phishing training | The main goal of training interventions is to provide users with interactive and practical experience about how to protect themselves from phishing attempts. |
| Phishing awareness | Awareness interventions are commonly deployed as interruptions to users' regular workflow, to provide warning and raising awareness about possible occurrences of phishing attacks. Awareness interventions also provide users' with design choices to detect and identify phishing attacks (e.g., custom icon, trust logo, sender highlighting). |

Table 2: The inclusion and exclusion criteria

| Inclusion criteria | Exclusion criteria |
|--------------------|--------------------|
| **I1.** Studies the main focus of which is on phishing (defined in Table 1) education, training and awareness. | **E1.** Studies that focus on automated phishing solutions (as defined in (Jampen et al., 2020)) to counter phishing.<br>**E3.** Full text of the study is not available.<br>**E4.** The study is a short paper of fewer than 6 pages.<br>**E5.** Studies not written in English.<br>**E6.** Studies that have CORE rankings less than B.<br>**E7.** Studies with CORE rankings of B and published before 2012. |

# References

Desolda, G., Ferro, L.S., Marrella, A., Catarci, T., Costabile, M.F., 2021. Human factors in phishing attacks: A systematic literature review. ACM Computing Surveys (CSUR) 54, 1–35.

Hu, S., Hsu, C., Zhou, Z., 2021. Security education, training, and awareness programs: Literature review. Journal of Computer Information Systems , 1–13.

Jampen, D., Gür, G., Sutter, T., Tellenbach, B., 2020. Don't click: towards an effective anti-phishing training. a comparative literature review. Human-centric Computing and Information Sciences 10, 1–41.