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Crime Prevention through Environmental Design (CPTED) is a guide with principals and criteria for programs based in analysis and manipulation of physical spaces, in order to reduce or eliminate spatial characteristics that enhance crime and, if possible, make spaces that reduces crime opportunities. The strategies are based on the idea that the spaces can affect people behavior, specifically, the criminal conducts, that can occurred under the influence of built, space, social and administrative environment.

So, in this propose We want to present an innovative technological tool – an informatic application - based on CPTED’s principles and on the characteristics of physical spaces that that have been identified as enhancing criminal conduct and generating opportunities for crime. The paper will describe the LookCrim application as a mobile app tool and their functional overview. Additionally, this article addresses some associated opportunities and challenges, such as the integration in smart cities and related ethical and legal issues. This tool gathers geo-tagged information enriched with CPTED characteristics, including corners and spaces with low visibility, spaces without surveillance, spaces not attended by people, high risk spaces, accesses, lighting, functionalities, conditions, and attendance. Implications for the future will be presented as well.