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Title: User-Centric Model for Preserving Data Privacy

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Abstract: Protecting the privacy of user data created by IoT devices is a difficult problem, made more so by the lack of standards or specifications that can be enforced when these devices are used. To this purpose extent, we developed a user-centric strategy that enables end users or clients of Internet of Things (IoT) devices (such as smart home devices, security cameras, and wearables, among others) to maintain effective control over the sharing of their personal data. As part of this study, we apply a Multi-Criteria Decision Analysis (MCDA) technique called TOPSIS to identify IoT devices that are vulnerable to data sharing without the users' knowledge or that are associated with a high risk of sharing personal data.