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(57) Abstract :

The present invention discloses a system (100) and a method (200) for generating backups of data stored on a computing device, aiming to remove duplicacy and optimize storage utilization. The system includes a processor (102) configured to detect and identify duplicate data on a computing device (110) using a data backup module, creates backups by selectively copying and storing non-duplicate data in a backup storage location through a backup generation module, and schedules and manages backup operations, including intervals, storage allocation, and tracking history, utilizing a backup management module. Additionally, the system provides a user-friendly graphical interface for users to initiate and monitor backup processes, view backup history, and adjust settings. Comparisons are made between the data to be backed up and existing backup data, excluding duplicacy in the backup process.

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