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(57) Abstract :

The current invention discloses a method for secure online travel booking using tokenization that involves receiving sensitive user data associated with a travel booking request and generating unique tokens to replace the sensitive data. The tokens are securely stored in a database, and during further processing, the tokens are transmitted instead of the sensitive data. The tokens are validated to retrieve the corresponding sensitive user data when necessary, ensuring the protection of sensitive information from unauthorized access. The method also includes encrypting all data transmissions, implementing two-factor authentication, integrating a secure payment gateway, conducting regular security audits, enforcing strict access controls, complying with privacy regulations, monitoring user activities, providing user privacy controls, offering multi-factor authentication options, and educating users about security best practices. By employing tokenization and various security measures, the method ensures a safe and secure online travel booking experience for users.

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