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(57) Abstract :
 Property Registry is one of the use cases that involve a lot of intermediaries to put trust in the system. In the existing system, tracking who owns which piece of land is challenging when you have thousands of property records to maintain and mostly all these records are not digitized or take a long time to get digitized. Blockchain in the land registry is utilized for secure transfer of property. The transparent nature of blockchain makes it possible to track the transfer of ownership from one individual to another reliably. Blockchain’s immutable, auditable, and traceable features are enticing governments around the world to implement the decentralized technology in the land registry process. In our project we try to make a system that is trustworthy and transparent in the dealings of property records. This is achieved by adding multiple layers of security including aadhar authentication. One-time-password based verification improves the overall personal security and prevents unauthorized access to the system. A systematic approach is used, right from the registration of the land inspector/buyer/seller to the registration of lands, making it available to sell, etc. A solution of decentralized application or DAPP is proposed through this invention, which will be a one stop platform for buying, selling, or registering land.

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