

The Lottery - Planning and Design

Lottery algorithm:

1. The lottery starts accepting transactions, **anyone** having an ethereum wallet can send a minimum amount of 0.01 Ether;
2. The players send Ether **directly to the contract address** and after that their ethereum address is registered. A user can send more transactions and we don't impose the maximum amount allowed to be sent.
3. There will a **manager, the account that deploys the contract**.
4. At some point, randomly chosen by the manager, he'll pick a random winner from the players list. Only the manager is allowed to see the contract balance and to randomly select the winner.
5. The contract **will transfer the entire balance to the winner address** and the **lottery is reset** and ready for the next round.