### **Zarttech ESOP Usage Instructions**

Deploy the contract on the Ethereum network using a Solidity compiler compatible with version ^0.8.9.

As the Zarttech Administartor, calls the **grantStockOptions** function to grant stock options to an employee by providing their address and the number of options.

Set the vesting schedule for the employee's options using the **setVestingSchedule** function, specifying the employee's address, vesting start timestamp, and vesting duration in seconds.

Authorized employees can exercise their vested options by calling the **exerciseOptions** function and providing the number of options to exercise.

Retrieve the number of vested and exercised options for an employee using the **getVestedOptions** and **getExercisedOptions** functions, respectively.

Transfer vested options to another eligible employee using the transferOptions function, specifying the recipient's address and the number of options to transfer.

**Please note that this documentation provides a high-level overview of the smart contract and its usage.**