Yebelo Solidity Developer Assignment

<2 Hours>

Topic

Make a smart contract to add token to different slabs.

Important:

Every 15 minutes, the code needs to be pushed to the Git. No excuse!

A video of the working system with commentary is required to be sent!

Requirements

1. Define 5 slabs with capacity for each [say Slab0….Slab4 having 100,200,300,400 and 500 as capacity]

2. When a ERC20 token of specific type is deposited, it occupies the highest level and if the capacity reaches the maximum, it goes to the next lower level

3. When the depositor enquires, it states which slab the deposit is.

Non-Functional Features to Incorporate

1. Minimal gas to be spend
2. Unit Testing for a robust system.

Git Usage

Project submission shall be done via pushing your codebase to Github.

1. Commit often with descriptive messages (we may look into your commit history).

Mandatory files of your github repo's root folder

1. Minimal usage guide and features implemented, as guide.txt file.
2. (Design/Architectural) (Patterns/decisions) used, as decisions.txt file.

Extensibility?

Any additional features implemented, should be clearly stated in guide.txt and will be added as bonus points for your project.

Checklist

- Completed a minimal working model with documentation of the required features.
- Perform unit testing.
- Create and Push guide.txt with contract address
- Create and Push decisions.txt
- Work on adding more features if time permits.