El-Shourouk Academy - HICIT Department of Computer Science

Project Proposal

Academic Year 2019-2020 CS4106-4206: Graduation Project

Project Title:

Voting System

Group#:

Project Team:

- 1. Abdulrahman Hashem
- 2. Ahmed Mostafa
- 3. Abdullah Hamza
- 4. Mahmoud Aly
- 5. Mohamed Gamal
- 6. Safaa Raaft

Academic Supervisor: Dr. Ahmed El-abbassy (ahmed_elabbassy@yahoo.com)

Assisting Supervisor: Eng. Amal Ibrahim

Objectives & Short Description:

- 1. Creating decentralized application on blockchain using Ethereum network.
- 2. Securing voting and giving the correct result for voting.
- 3. Make elections more efficient, Less expensive, Comfortable, Tension-free.

Technologies you want to work with:

Platform: Web

Frontend: HTML/CSS/Javascript

Programming Languages: Python Or NodeJS

Backend Framework: Django Framework Or Express

Any other Technology Decisions:

Similar Projects:

Sites	Advantages	Disadvantages
https://www.skyscanner.net/	 Prices come with currency converter 	 accessible by visiting website only
https://www.onetravel.com	Full vacation trip	Accessible by visiting website only

Phases:

Week	Step/Phase	Deliverables
S1-(W1- W2)	Initiation phase (Survey Study)	- Project Objectives, Scope, Tools, and Plan
S1(W3-W6)	Analysis Phase	- Analysis document
S1(W7-W12)	Design Phase	- Design document
S2-W3	Mid-term Presentation	- Mid-term Presentation
S2(W1-W8)	Implementation Phase	- Source code
S2(W9-W12)	Testing Phase	- Testing document
S2(W13-W18)	Documentation	- Final document
S2-W20	Final Presentation	- Final Presentation