School of Informatics
Blockchains and Distributed Ledgers

Assignment 2

Erodotos Demetriou (s2187344)

Smart Contract High-Level Description

- Simple description of the game
- Who pays for the reward of the winner?
- How is the reward paid to the winner?
- Anticheat measures taken
- What data type/structure did you use for the pick options and why?

Gas Costs Evaluation

- Cost of deploying and interacting with contract
- Comment on gas fairness
- Techniques to make smart contract more fair and cost efficient.

Potential Hazards and Vulnerablities

- List of security mechanisms used to mitigate such hazards

Security vs Performance

- security vs performance trade-offs

Fellow Student Contract Analysis

- Vulnerabilities
- How the player can exploit these vulnerabilities and win the game ?
- Include code snippets

Smart Contract Execution History

Implementation Code