**GAME PROJECT – CS\*1083**

My group has two people including:

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| **Name** | **Student ID** |
| NGUYEN THANH KHOI TRAN | 3769135 |
| SAGAR KAITHAVAYALIL JAISON | 3754122 |

A game that my group want to design is **Card Shark game**.

+ One of 2 players, who is pressed the button first, is going to guess how many of 100 people responded in a specific manner, and the other player is going to guess the actual number is higher or lower. The actual number is then revealed, if the opponent is correct, they will play first. **(a)**

+ Show the first card

+ Ask the player to open the next card, or freeze (stay card), or change the base card, or guess the opponent’s next card. **(b)**

* If player chose “open the next card,” ask player the next card is higher or lower than the base card, the next card is shown.
  + If the answer is correct, the next card is revealed. Ask **(b)**.
  + If not, now this is the opponent turn.
* If player chose “change the base card”, change that card to the other card, then ask **(b)**.
* If player chose “freeze,” now this is the opponent turn.
* If player chose “guess the opponent’s next card”
  + If player guesses correctly, player can open the next card without asking anything and **plus one** for the number of correct guesses. Ask **(b)**.
  + If not, the base card will be replaced and hidden. Ask **(b)**.

+ When moving to opponent turn, ask **(b)**.

+ Turn back the **(a)** part.

+ A player who opened 7 cards first, that player is a winner and get a reward as the **Table 1** below, loser also has rewarded as the **Table 2**.

+ **Special rule:** Once player correctly guesses three consecutive times and chooses “freeze,” opponent must answer the question as **(a)**. If the answer is higher or lower than **by ten**, the base card will be discarded, replaced, and hidden.

**TABLE 1 - REWARD FOR THE WINNER:**

|  |  |
| --- | --- |
| **Number of correct guesses** | **Reward** |
| **1** | **500 Vbucks** |
| **2** | **650 Vbucks** |
| **3** | **800 VBucks** |
| **4** | **950 Vbucks** |
| **5** | **1200 Vbucks** |
| **6** | **1500 VBucks** |
| **7** | **2000 VBucks** |

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**TABLE 2 - REWARD FOR THE LOSER:**

|  |  |
| --- | --- |
| **Number of correct guesses** | **Reward** |
| **1** | **100 Vbucks** |
| **2** | **150 Vbucks** |
| **3** | **200 VBucks** |
| **4** | **250 Vbucks** |
| **5** | **300 Vbucks** |
| **6** | **450 VBucks** |
| **7** | **500 VBucks** |