

Memo

HAMS Games

To: Stephen Carter
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CC: Programmers
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Re: Game Proposal

Rummy card game, which uses a standard poker deck (52 cards without Joker cards). The rules will be the standard Rummy game (no variation like Gin Rummy) with some modifications. Due to a lack of knowledge of socket creation and TCP/IP communication between applications, I propose that all the players have all their cards flipped up. Additionally, to reduce the complexity, I plan to create the game for two players instead of the original maximum of 6.

I briefly describe the rule for the original Rummy game below for clarification.

Rules Description:

- The game could be played for a minimum of 2 to 6 maximum players.
 - Depending on how many players is in the match when the game starts, the cards must be distributed to each player, as is shown in Table 1.

Players	Cards
2	10
3 to 4	7
5 to 6	6

Table 1:Card Distribution

- Once the dealer has finished the card distribution, the mount is put in the center of the game and flipped up the mount's top card on the discard pile.
- The game is per turn and changes in the clockwise sense.
- During each turn, the player can take a top card from the top of the discard mount or the mount to complete its melds.
- During each turn, the player must discard one card.
- To reduce the number of cards in his hand could play their cards into the melds:
 - Meld type 1: Three or more cards with the same number.
 - Meld type 2: Run of three or more cars of the same suit.
 - The player decides when to down from his hand the meld during the match.
 - Once the meld is put on, the meld cannot be in hand again.
 - Any player can add cards to meld that have already been added to the game for any player.
- The game finishes when a player has attached all his hands to the melds.
- When a player finishes the game, the points for all the players are multiplied by 2.
 - All the cards in the player's hand add points, as is shown in Table 2.

Card Type	Points
Ace	1
2 to 10	Face Values

Table 2: Points brought per each card.

Comments: In case of need a better explanation of how the game works, here is a YouTube Video about how to play the Rummy game: <https://www.youtube.com/watch?v=nQHwHCHloki>