

ABSTRACT

Dungeon Diver is an Android Board Game that is based on the game “Snakes and Ladder”. The game is for people ages 5 and above or who have knowledge in using smart phones. The game is made for: single player, player vs. computer, or multi-player, player vs. player. The player can choose which character he/she will use and can input whatever name he/she wants. The game has 3 modes which the player can choose: Player vs. Player, Player vs. Computer or Fastest Man. The player can also choose what board size to play with: 6x6, 8x8 and 10x10. The fastest man mode is played by two players in which the goal is to reach the top by the minimum number of moves. Each roll of the dice count as one move. Player 1 will play the game first until it reaches the end. Player 2 can only play the game when player 1 finishes its round. The player who has the lower number of moves wins the game. The lower the number of moves, the higher the chance of getting in the high score. Each board size has a high score of top 1 to top 5. The top 1 will always be the one who has the lowest number of move. The high score is only applicable in fastest man mode.

The game has 2 power ups in a random tile to help the player easily reach the top. The power ups are: the red power ups and the blue power ups. The red power ups doubles the value of the dice the player gets while the blue power ups allows the player to skip the opponents turn and roll a dice again. In fastest man mode the blue power ups has a different use. The player rolls the dice twice but it will only count as 1 move. The player needs to have a key that is in a random tile to activate the power ups. When the player has a key and lands in a tile where there is power ups, the power ups will automatically be activated. But when the player has no key, the power ups won't activate. There are no limits on how many keys the player can get. The power ups or the key will not disappear, even when a certain player gets it, to balance the game and to allow the other player to get a power ups or key. The AI can also use the power ups. The game could not be played online but only with one android device.