CardSet\_5

Cards involved:

* Double rent. Apply this card to a property you own, and you can collect double rent from the next player who lands on it. If you do not own any property, discard this card.
* Apply this card to a property you own. Renovation costs $25 per house, or $50 per hotel. From now on, rent is increased by 50%. If you do not own any property, discard this card.
* Apply this card to a property you own. Dilapidated houses. From now on, rent is decreased by 10%. If you do not own any property, discard this card.
* Apply this card to a utility or railroad you own. Increase charge by 10%. If you do not own any utility or railroad, discard this card.
* Apply this card to a utility or railroad you own. Decrease charge by 10%. If you do not own any utility or railroad, discard this card.

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| Method | Function  Parameters | Function Description | Test No. | Test Case | Expected output | Actual Output | Pass or Fail (P/F) |
| getMultiplier() | - | Getter for the multiplier value of a card | 1 | Multiplier applied is double rent | Returns 2.0 | Returns 2.0 | P |
| useCard() | player – player who got the card  gameboard – GameBoard where the Players are playing on | This method handles card functionalities | 1.1 | Player owns at least one property  Player owns Ylaya (Not yet developed) | Player gets to choose a property that he owns and double its rent once. (After he gets a doubled rent from that property, that property’s rent is brought back to single multiplier)  Player chooses Ylaya so its rent increases to $20 | Player gets to choose a property that he owns and double its rent once. (After he gets a doubled rent from that property, that property’s rent is brought back to single multiplier) | P |
|  |  |  | 1.2 | Player doesn’t own any property | Player will be notified that that card is not applicable to him and is discarded immediately | Player will be notified that that card is not applicable to him and is discarded immediately | P |
|  |  |  | 2.1 | Player owns at least one property and Player can afford the renovation  Player owns Ylaya (Developed to 3 houses) | Player is asked which property to apply the card to, then from that point onwards, that property will have that card’s effects.  Player is charged $75 then Ylaya’s rent is increased to $675 | Player is asked which property to apply the card to, then from that point onwards, that property will have that card’s effects. | P |
|  |  |  | 2.2 | Player doesn’t own any property | Player will be notified that that card is not applicable to him and is discarded immediately | Player will be notified that that card is not applicable to him and is discarded immediately | P |
|  |  |  | 3.1 | Player owns at least one property  Player owns Ylaya  (Rent is $10) | Player is asked which property to apply the card to, then from that point onwards, that property will have that card’s effects  Ylaya’s rent becomes $9 | Player is asked which property to apply the card to, then from that point onwards, that property will have that card’s effects | P |
|  |  |  | 3.2 | Player doesn’t own any property | Player will be notified that that card is not applicable to him and is discarded immediately | Player will be notified that that card is not applicable to him and is discarded immediately | P |
|  |  |  | 4.1 | Player currently does not own any of those | Player is notified about it, and then his turn ends | Player is notified about it, and then his turn ends | P |
|  |  |  | 4.2 | Player currently owns more than one of those cards  Player owns Electric, North, Water | Player is asked to choose which to apply the decrement to, then ends his/her turn  Player chose North. North rent becomes $22.5 | Player is asked to choose which to apply the decrement to, then ends his/her turn | P |
|  |  |  | 5.1 | Player currently does not own any of those | Player is notified about it, and then his turn ends | Player is notified about it, and then his turn ends | P |
|  |  |  | 5.2 | Player currently owns more than one of those cards  Player owns Electric, North, Water | Player is asked to choose which to apply the decrement to, then ends his/her turn  Player chose North. North rent becomes $27.5 | Player is asked to choose which to apply the decrement to, then ends his/her turn | P |