Property

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| Method | Function  Parameters | Function Description | Test No. | Test Case | Expected output | Actual Output | Pass or Fail (P/F) |
| getRent() | player – Player which landed on the Utility | This method calculates the rent of a given Railroad based on the number of Railroad the owner has and the multipliers on the Railroad. | 1 | Player lands on a Railroad and owner owns one Property of the Green color. Property stepped on is Madison. | Method returns 14 | Method returns 14 | P |
|  |  |  | 2 | Player lands on a Railroad and owner owns two Property of the Green color. Property stepped on is Madison. | Method returns 24 | Method returns 24 | P |
|  |  |  | 3 | Player lands on a Railroad and owner owns three Property of the Green color. Property stepped on is Madison. | Method returns 34 | Method returns 34 | P |
|  |  |  | 4 | Player lands on a Railroad and owner owns two Property of the Green color. Property stepped on is Madison. Madison has a double rent multiplier. | Method returns 48 | Method returns 48 | P |
|  |  |  | 5 | Player lands on a Railroad and owner owns two Property of the Green color. Property stepped on is Madison. Madison has a 50% rent multiplier from renovation. | Method returns 36 | Method returns 36 | P |
|  |  |  | 6 | Player lands on a Railroad and owner owns two Property of the Green color. Property stepped on is Madison. Madison has an increase 10% rent multiplier | Method returns 26.4 | Method returns 26.4 | P |
|  |  |  | 7 | Player lands on a Railroad and owner owns two Property of the Green color. Property stepped on is Madison. Madison has a decrease 10% rent multiplier from dilapidated houses. | Method returns 21.6 | Method returns 21.6 | P |
|  |  |  | 8 | Player lands on a Railroad and owner owns two Property of the Green color. Property stepped on is Madison. Madison is at development level 5 (Hotel). | Method returns 960 | Method returns 960 | P |
|  |  |  | 9 | Player lands on a Railroad and owner owns two Property of the Green color. Property stepped on is Madison. Madison is at development level 5 (Hotel). Madison has a double rent multiplier. | Method returns 1920 | Method returns 1920 | P |
|  |  |  | 10 | Player lands on a Railroad and owner owns two Property of the Green color. Property stepped on is Madison. Madison is at development level 5 (Hotel). Madison has a 50% rent multiplier from renovation. | Method returns 1455 | Method returns 1455 | P |
|  |  |  | 11 | Player lands on a Railroad and owner owns two Property of the Green color. Property stepped on is Madison. Madison is at development level 5 (Hotel). Madison has an increase 10% rent multiplier | Method returns 1067 | Method returns 1067 | P |
|  |  |  | 12 | Player lands on a Railroad and owner owns two Property of the Green color. Property stepped on is Madison. Madison is at development level 5 (Hotel). Madison has a decrease 10% rent multiplier from dilapidated houses. | Returns 873 | Returns 873 | P |
| triggerEvent() | gameBoard –GameBoard object which contains the different game elements  player – Player which landed on the Property | This method deducts the price of the rent from the Payer that landed on it. | 1 | Player landed on Madison and has enough money for rent. Rent is $14. Player has $1000 | Player pays $14 to the owner.  The string summary of the event is returned. | Player pays $14 to the owner.  The string summary of the event is returned. | P |
|  |  |  | 2 | Player landed on Madison and does not enough money for rent. Rent is $14. Player only has $1 | Player pays owner $40 and game ends.  The string summary of the event is returned. | Player pays owner $40 and game ends.  The string summary of the event is returned. | P |
|  |  |  | 3 | Player landed on Madison and has enough money for rent. Rent is $28. Madison has double Rent applied. Player has $1000 | Player pays $28 to the owner. The double rent card is returned to the game board.  The string summary of the event is returned. | Player pays $28 to the owner. The double rent card is returned to the game board.  The string summary of the event is returned. | P |