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| --- | --- | --- | --- |
| Test # | TestMethod | Description | Complete |
| R1 | TestCanReadRows | Tests the ability to read in the right number of rows from the file | Y |
| R2 | TestValidPath | Tests to see if an exception is thrown when invalid file path is provided | Y |
| R3 | TestSetExerciseRecords | Tests to see if the right number of rows are set after creating the list of exercise | Y |
| R4 | TestValidDates | Tests for valid input layout when supplying a date | Y |
| R5 | TestInvalidDatesAreNotEqual | Tests ensure invalid data inputs are not read | Y |
| R6 | TestSetValidDate | Tests invalid date throws exception when creating list | Y |
| R7 | TestSetValidType | Tests invalid type throws exception when creating list | Y |
| R8 | TestSetValidTime | Tests invalid time throws exception when creating list | Y |
| R9 | TestSetValidSpeed | Tests invalid speed throws exception when creating list | Y |
| R10 | TestSetValidMissingPar | Tests missing parameters throws exception when creating list | Y |
| R11 | TestGetWalkingCaloriesMax | Tests calories returned on day 1/15 when walking >=3.0MPH | Y |
| R12 | TestGetWalkingCaloriesMid | Tests calories returned on day 10/12when walking >=2.5MPH but <3.0MPH | Y |
| R13 | TestGetWalkingCaloriesMin | Tests calories returned on day 3/14 when walking >0MPH but <2.5MPH | Y |
| R14 | TestGetWalkingCaloriesNegSpeed | Tests calories returned for when there is a negative/zero speed on day 11 | Y |
| R15 | TestGetWalkingCaloriesNegTime | Tests calories returned for when there is a negative/zero time on day 2 | Y |
| R16 | TestGetBikingCaloriesLight | Tests calories returned on day 16 when biking <10MPH | Y |
| R17 | TestGetBikingCaloriesModerate | Tests calories returned on day 1 when biking >=10MPH and <14MPH | Y |
| R18 | TestGetBikingCaloriesVigorous | Tests calories returned on day 8 when biking >=14MPH and <20MPH | Y |
| R19 | TestGetBikingCaloriesRacing | Tests calories returned on day 5 when biking >=20MPH | Y |
| R20 | TestGetBikingCaloriesNegSpeed | Tests calories returned for when there is a negative/zero speed on day 12 | Y |
| R21 | TestGetBikingCaloriesNegTime | Tests calories returned for when there is a negative/zero time on day 13 | Y |

Test Case Descriptions by Andrew Musielak

Test Results with coverage

