Rose Sirohi

Jihun Joo

Caitlyn Romano

Group 21

TeamMember tests

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| Test Case | Description | Sample Input | Expected result/ outpu |
| 1 | Test constructor and use the .toString() method to display the fields of the TeamMember | Case 1: “Lily”, “11/21/1998”  Case 2: “Nath”, “2/29/2012”  Case 3: “Martha”  “10/19/2019”  Case 4: “John”  “08/19/1999” | Case 1: Lily 11/21/1998;Lily 11/21/1998  Case 2: Nath 2/29/2012;Nath 2/29/2012  Case 3: Martha 10/19/2019;Martha 10/19/2019  Case 4: John 08/19/1999;John 08/19/1999 |
| 2 | Test .equals() method | Case 1:  “Lily”, “11/21/1998”  “Lily”, “11/21/1998”  Case 2:  “Lily”, “11/21/1998”  “Nath”, “2/29/2012”  Case 3:  “Nath”, “2/29/2012”  “Sesh”, “2/29/2012” | Case 1: true;true  Case 2: false;false  Case 3: false;false |
| 3 | Test .getStartDate() method | “Lily”, “11/21/1998” | 11/21/1998;11/21/1998 |

Date tests

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| Test Case | Description | Sample Input | Expected result/ output |
| 1 | Test constructor | Case 1: A Lily 02/30/2011  Case 2: A Lily 12/10/2019 | Case 1: 02/30/2011 is not a valid date!;02/30/2011 is not a valid date!  Case 2: Lily 12/10/2019 has joined the team.;Lily 12/10/2019 has joined the team. |
| 2 | Test isValid method | Case 1:  13/12/2019  Case 2:  11/31/2010  Case 3:  01/31/2012  Case 4:  02/29/2020  Case 5:  02/29/2019 | Case 1: false;false  Case 2: false;false  Case 3: true;true  Case 4: true;true  Case 5: false;false |
| 3 | Test equals method | Case 1:  12/10/2004  12/10/2004  Case 2:  12/10/2012  12/10/2020 | Case 1: true;true  Case 2: false;false |
| 4 | Test toStrings method | date3 = new Date ("2/29/2020"); | 2/29/2020;2/29/2020 |