Test Case Report

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| **Test Case Name:** Manager | |
| **Test number:** 1 | |
| **Objective:** Test the Manager class to ensure that it correctly stores and retrieves the manager's ID and username. | |
| **Set up**:   1. Create a new instance of the Manager class with a given manager ID and username. | |
| **Expected results:**   1. The getManID() method should return the correct manager ID. 2. The getUsername() method should return the correct username. | |
| **Test:**   1. Instantiate a new Manager object with manID = 1 and username = "NotiGirl". 2. Call the getManID() method on the Manager object and assert that it returns 1. 3. Call the getUsername() method on the Manager object and assert that it returns "NotiGirl". | |
| **Test record:** The Manager object has been successfully instantiated and its methods have correctly returned the expected values. | |
| **Date:** 10 April 2023 | **Tester:** Khalid Takar |
| **Result:** Passed. | |

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| **Test Case Name:** Administrator | |
| **Test number:** 2 | |
| **Objective:** To verify that the Administrator class correctly stores and retrieves the administrator ID and username. | |
| **Set up:**   1. Create an Administrator object with admID = 2 and username = "LiesaLot". | |
| **Expected results:**   1. The getAdmID() method should return the correct administrator ID. 2. The getUsername() method should return the correct username. | |
| **Test:**   1. Call the getAdmID() method on the Administrator object and assert that it returns 2. 2. Call the getUsername() method on the Administrator object and assert that it returns "LiesaLot". | |
| **Test record:** The Administrator object has been successfully instantiated and its methods have correctly returned the expected values. | |
| **Date:** 10 April 2023 | **Tester:** Khalid Takar |
| **Result:** Passed. | |

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| **Test Case Name:** Advisor | |
| **Test number:** 3 | |
| **Objective:** To verify that the Advisor class correctly stores and retrieves the advisor ID and username. | |
| **Set up:**   1. Create an Advisor object with advisorID = 3 and username = "Gnasher". | |
| **Expected results:**   1. The getAdvisorID() method should return the correct advisor ID. 2. The getUsername() method should return the correct username. | |
| **Test:**   1. Call the getAdvisorID() method on the Advisor object and assert that it returns 3. 2. Call the getUsername() method on the Advisor object and assert that it returns "Gnasher". | |
| **Test record:** The Advisor object has been successfully instantiated and its methods have correctly returned the expected values. | |
| **Date:** 10 April 2023 | **Tester:** Khalid Takar |
| **Result:** Passed. | |

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| **Test Case Name:** Employee | |
| **Test number:** 4 | |
| **Objective:** To verify that the Employee class correctly stores and retrieves the employee's email, name, and type of employee, and that the setAdministrator(), setManager(), and setAdvisor() methods correctly set the appropriate employee type. | |
| **Set up:**   1. Create an Employee object with email="arthur@gmail.com", name="LiesaLot", and typeOfEmployee="admin". 2. Create an Employee object with email="minnie@gmail.com", name="NotiGirl", and typeOfEmployee="manager". 3. Create an Employee object with email="dennis@gmail.com", name="Gnasher", and typeOfEmployee="advisor". | |
| **Expected results:**   1. The getEmail() method should return the correct email address. 2. The getName() method should return the correct name. 3. The setTypeOfEmployee() method should correctly set the employee type to "administrator". 4. The setTypeOfEmployee() method should correctly set the employee type to "manager". 5. The setTypeOfEmployee() method should correctly set the employee type to "advisor". 6. The setAdministrator() method should correctly set the employee type to "administrator". 7. The getAdministrator() method should correctly return the Administrator object. 8. The setManager() method should correctly set the employee type to "manager". 9. The getManager() method should correctly return the Manager object. 10. The setAdvisor() method should correctly set the employee type to "advisor". 11. The getAdvisor() method should correctly return the Advisor object. | |
| **Test:**   1. Create an Employee object with email "arthur@gmail.com" and name "LiesaLot". 2. Create an Employee object with email "minnie@gmail.com" and name "NotiGirl". 3. Create an Employee object with email "dennis@gmail.com" and name "Gnasher". 4. Call the getEmail() method on the Employee object and assert that it returns the correct email 5. Call the getName() method on the Employee object and assert that it returns the correct name 6. Call the setTypeOfEmployee() method on the Employee object with typeOfEmployee = "administrator" and assert that it sets the employee type to "administrator". 7. Call the setTypeOfEmployee() method on the Employee object with typeOfEmployee = "manager" and assert that it sets the employee type to "manager". 8. Call the setTypeOfEmployee() method on the Employee object with typeOfEmployee = "advisor" and assert that it sets the employee type to "advisor". 9. Call the setAdministrator() method on the Employee object with an Administrator object and assert that it sets the employee type to "administrator". 10. Call the getAdministrator() method on the Employee object and assert that it returns the correct Administrator object. 11. Call the setManager() method on the Employee object with a Manager object and assert that it sets the employee type to "manager". 12. Call the getManager() method on the Employee object and assert that it returns the correct Manager object. 13. Call the setAdvisor() method on the Employee object with an Advisor object and assert that it sets the employee type to "advisor". 14. Call the getAdvisor() method on the Employee object and assert that it returns the correct Advisor object. | |
| **Test record:** The Employee object has been successfully instantiated and its methods have correctly returned the expected values. | |
| **Date:** 10 April 2023 | **Tester:** Khalid Takar |
| **Result:** Passed. | |