

Test Document - Payroll processing GUI

Test Case #	Purpose for the test	Input Data	Outputs
1	To test the add tab in the Manage Employees tab. The output is used to check if the employees got added or not -- testing company.add().	<p>Case1: Jane Doe,CS,7/1/2020,Part-Time,45.9</p> <p>Case2: Amy Harrison,IT,3/31/2020,Full-Time,69000</p> <p>Case3: Eric Haskell,IT,9/1/2015,Manager,101000,2</p> <p>Case4: Sunny White,IT,2/28/2016,89300,Manager,1</p> <p>Case5: Sunny White,IT,2/28/2016,89300,Manager,5</p> <p>Case6: Sunny White,IT,22/12/2016,12,Manager,1</p> <p>Case 7. Jane Doe,CS,7/1/2020,Part-Time,45.9</p> <p>Case 8: User enters an empty or non-complete form</p>	<ol style="list-style-type: none"> Employee added. Employee added. Employee added. Employee added. Invalid Manager code. Invalid Date Employee already exists. Please input all valid information
2	To test the set hours tab in the Manage Employees tab. The output is used to check if the employees got added or not -- tests company.setHours()	<p>Case1: Jane Doe, CS, 7/1/2020, 1000</p> <p>Case2: Jame Dom, CS 7/10/2020, 100</p> <p>Case3: Amy Harrison,IT,3/31/2020, 100</p> <p>Case4: Jane Doe, CS, 7/1/2020, 100</p> <p>Case 5:User enters an empty or non-complete form.</p>	<ol style="list-style-type: none"> Invalid Hours: over 100. Employee does not exist. Employee is not a part-time employee. Working hours set. Please input all valid information
3	To test the process payments button in the Manage Employees tab. The output is used to check if the payments are processed	Case1: Click Process Payment button	<ol style="list-style-type: none"> Calculation of employee payments is done.

4	To test the remove tab in the Manage Employees tab. The output is used to check if the employees got added or not -- testing company.remove()	Case1: Jane Doe,CS,7/1/2020 Case2: Amy Harrison,IT,3/31/2020 Case3: Eric Haskell,IT,9/1/2015 Case4: Sunny White,IT,2/28/2016 Case5: Vedant Mehta,IT,03/01/2020 Case 6: User enters an empty or non-complete form.	1. Employee removed. 2. Employee removed. 3. Employee removed. 4. Employee removed. 5. Employee does not exist. 6. Please input all valid information
5	To test the functionality of Importing a file.	Case 1: User opens file manager but does not upload a file Case 2: User opens file manager and selects database file.	1. Please upload a valid file. 2. Output "Employee Added" for all valid employee, Output relevant error message if invalid employee"
5	To test the functionality of the export button	Case 1: User exports a company with employees to a specified file "<x>.txt" Case 2: User exports a company without employees to a specified file "<x>.txt"	1. String from company.print() is exported to the .txt file. 2. An empty file is generated.
6.	To test the functionality of View By Department button	Case 1: User presses "View by department" and company is empty Case 2: User presses "View by department" and company is not empty	1. Employee database is empty. 2. --Printing earning statements for all employees-- Brown,Charlie::CS::4/30/2019::Payment \$0.00::FULL TIME::Annual Salary \$56,000.00 Doe,John::CS::6/30/2019::Payment \$0.00::FULL TIME::Annual Salary \$76,430.00 Doe,Jane::CS::7/1/2020::Payment \$0.00::PART TIME::Hourly Rate \$45.90::Hours worked this period: 0 Scanlan,Bob::ECE::5/12/2019::Payment \$0.00::PART TIME::Hourly Rate \$24.59::Hours worked this period: 0 Wang,Carey::ECE::11/30/2017::Payment \$0.00::PART TIME::Hourly Rate \$26.59::Hours worked this period: 0 Clinton,Jeff::ECE::10/1/2001::Payment \$0.00::PART TIME::Hourly Rate \$39.99::Hours worked this period: 0 White,Sunny::IT::2/28/2016::Payment \$0.00::FULL TIME::Annual Salary \$89,300.00::Manager Compensation \$192.31

			Young, Henry::IT::2/1/2005::Payment \$0.00::FULL TIME::Annual Salary \$120,000.00::Department Head Compensation \$461.54 Harrison, Amy::IT::3/31/2020::Payment \$0.00::FULL TIME::Annual Salary \$69,000.00 Haskell, Eric::IT::9/1/2015::Payment \$0.00::FULL TIME::Annual Salary \$101,000.00::Director Compensation \$365.38
7	To test the functionality of the View All button in the View Employees tab.	Case1: User presses "View All" and company is empty Case 2: User presses "View All" and company is not empty	1. Employee database is empty. 2. --Printing earning statements for all employees-- Brown, Charlie::CS::4/30/2019::Payment \$0.00::FULL TIME::Annual Salary \$56,000.00 Doe, John::CS::6/30/2019::Payment \$0.00::FULL TIME::Annual Salary \$76,430.00 Doe, Jane::CS::7/1/2020::Payment \$0.00::PART TIME::Hourly Rate \$45.90::Hours worked this period: 0 Scanlan, Bob::ECE::5/12/2019::Payment \$0.00::PART TIME::Hourly Rate \$24.59::Hours worked this period: 0 Wang, Carey::ECE::11/30/2017::Payment \$0.00::PART TIME::Hourly Rate \$26.59::Hours worked this period: 0 Clinton, Jeff::ECE::10/1/2001::Payment \$0.00::PART TIME::Hourly Rate \$39.99::Hours worked this period: 0 White, Sunny::IT::2/28/2016::Payment \$0.00::FULL TIME::Annual Salary \$89,300.00::Manager Compensation \$192.31 Young, Henry::IT::2/1/2005::Payment \$0.00::FULL TIME::Annual Salary \$120,000.00::Department Head Compensation \$461.54 Harrison, Amy::IT::3/31/2020::Payment \$0.00::FULL TIME::Annual Salary \$69,000.00 Haskell, Eric::IT::9/1/2015::Payment \$0.00::FULL TIME::Annual Salary \$101,000.00::Director Compensation \$365.38

8	To test the functionality of the View All button in the View Employees tab.	<p>Case1: User presses “View By Date Hired” and company is empty</p> <p>Case 2: User presses “View By Date Hired” and company is not empty</p>	<p>--Printing earning statements for all employees--</p> <p>Clinton,Jeff::ECE::10/1/2001::Payment \$0.00::PART TIME::Hourly Rate \$39.99::Hours worked this period: 0</p> <p>Young,Henry::IT::2/1/2005::Payment \$0.00::FULL TIME::Annual Salary \$120,000.00::Department Head Compensation \$461.54</p> <p>Haskell,Eric::IT::9/1/2015::Payment \$0.00::FULL TIME::Annual Salary \$101,000.00::Director Compensation \$365.38</p> <p>White,Sunny::IT::2/28/2016::Payment \$0.00::FULL TIME::Annual Salary \$89,300.00::Manager Compensation \$192.31</p> <p>Wang,Carey::ECE::11/30/2017::Payment \$0.00::PART TIME::Hourly Rate \$26.59::Hours worked this period: 0</p> <p>Brown,Charlie::CS::4/30/2019::Payment \$0.00::FULL TIME::Annual Salary \$56,000.00</p> <p>Scanlan,Bob::ECE::5/12/2019::Payment \$0.00::PART TIME::Hourly Rate \$24.59::Hours worked this period: 0</p> <p>Doe,John::CS::6/30/2019::Payment \$0.00::FULL TIME::Annual Salary \$76,430.00</p> <p>Harrison,Amy::IT::3/31/2020::Payment \$0.00::FULL TIME::Annual Salary \$69,000.00</p> <p>Doe,Jane::CS::7/1/2020::Payment \$0.00::PART TIME::Hourly Rate \$45.90::Hours worked this period: 0</p>
7	Used to test the calculatePayment method for managment	<p>Employee employee = new Management(new Profile("Doe,John", "CS", new Date("2/20/2020")), 10000, 1);</p> <p>Employee employee2 = new Management(new Profile("Doe,John2", "CS", new Date("2/20/2020")), 50000, 2);</p> <p>Employee employee3 = new Management(new Profile("Doe,John3", "CS", new Date("2/20/2020")), 25000, 3);</p> <p>Employee employee4 = new Management(new Profile("Doe,John5", "CS", new Date("2/20/2020")), 45000, 0);</p> <p>Case 1: employee.calculatePayment();</p> <p>Case 2: employee2.calculatePayment();</p> <p>Case 3: employee3.calculatePayment();</p> <p>Case 3: employee4.calculatePayment();</p>	<p>1. "Doe,John::CS::2/20/2020::Payment \$576.92::FULL TIME::Annual Salary \$10,000.00::Manager Compensation \$192.31"</p> <p>2. Doe,John2::CS::2/20/2020::Payment \$2,288.46::FULL TIME::Annual Salary \$50,000.00::Director Compensation \$365.38</p> <p>3. Doe,John3::CS::2/20/2020::Payment \$1,423.08::FULL TIME::Annual Salary \$25,000.00::Department Head Compensation \$461.54</p> <p>4. Doe,John5::CS::2/20/2020::Payment \$1,730.77::FULL TIME::Annual Salary \$45,000.00</p>