

Test Case #	Test Case Purpose	Input Data	Output Data
1	Determines validity of the 'Add Employee' button for a Part time employee	Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: 10 Hourly Rate: 12.5 Button: Add Employee	Output: Employee added.
2	Determines validity of the 'Add Employee' button for a Full time employee	Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Full Time Annual Salary: 85000 Button: Add Employee	Output: Employee added.
3	Determines validity of the 'Add Employee' button for a Management employee	Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Management Annual Salary: 85000 Management Role: Manager Button: Add Employee	Output: Employee added.
4	Determines whether all fields have been entered correctly. (The Name field is empty)	Name: Department: CS Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: Hourly Rate: 10 Button: Add Employee	Output: Please enter all information correctly.
5	Determines whether all fields have been entered correctly. (The Date Hired field is empty)	Name: Jane Doe Department: CS Date Hired: Employee Type: Part Time Hours Worked: Hourly Rate: 10 Button: Add Employee	Output: Please enter all information correctly.
6	Determines whether all fields have been entered correctly. (The Hourly Rate field is empty)	Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: Hourly Rate: Button: Add Employee	Output: Please enter all information correctly.

7	Determines whether all fields have been entered correctly. (The Name field is empty)	Name: Department: CS Date Hired: 3/12/2021 Employee Type: Full Time Annual Salary: 85000 Button: Add Employee	Output: Please enter all information correctly.
8	Determines whether all fields have been entered correctly. (The Date Hired field is empty)	Name: Jane Doe Department: CS Date Hired: Employee Type: Full Time Annual Salary: 85000 Button: Add Employee	Output: Please enter all information correctly.
9	Determines whether all fields have been entered correctly. (The Annual Salary field is empty)	Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Full Time Annual Salary: Button: Add Employee	Output: Please enter all information correctly.
10	Determines whether all fields have been entered correctly. (The Name field is empty)	Name: Department: CS Date Hired: 3/12/2021 Employee Type: Management Annual Salary: 85000 Management Role: Manager Button: Add Employee	Output: Please enter all information correctly.
11	Determines whether all fields have been entered correctly. (The Date Hired field is empty)	Name: Jane Doe Department: CS Date Hired: Employee Type: Management Annual Salary: 85000 Management Role: Manager Button: Add Employee	Output: Please enter all information correctly.
12	Determines whether all fields have been entered correctly. (The Annual Salary field is empty)	Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Management Annual Salary: Management Role: Manager Button: Add Employee	Output: Please enter all information correctly.
13	Determines whether all fields have been entered correctly. (The Management role type field is empty)	Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Management Annual Salary: 85000 Management Role: Button: Add Employee	Output: Please enter all information correctly.

14	Determines validity of adding 2 employees with the different name, same department, different date hired, same employee type	<p> Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Parttime Hours Worked: Hourly Rate: 10 Button: Add Employee </p> <p> Name: John Doe Department: CS Date Hired: 3/20/2002 Employee Type: Parttime Hours Worked: Hourly Rate: 10 Button: Add Employee </p>	<p>Output:</p> <p>Employee added. Employee added.</p>
15	Determines validity of adding 2 employees with the same name, same department, same date hired, same employee type	<p> Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Parttime Hours Worked: Hourly Rate: 10 Button: Add Employee </p> <p> Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Parttime Hours Worked: Hourly Rate: 10 Button: Add Employee </p>	<p>Output:</p> <p>Employee added. Employee is already in the list.</p>
16	Determines validity of adding 2 employees with the same name, different department, same date hired, same employee type	<p> Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Parttime Hours Worked: Hourly Rate: 10 Button: Add Employee </p> <p> Name: Jane Doe Department: IT Date Hired: 3/12/2021 Employee Type: Parttime Hours Worked: Hourly Rate: 10 Button: Add Employee </p>	<p>Output:</p> <p>Employee added. Employee added.</p>

17	Determines validity of adding 2 employees with the same name, same department, different date hired, different employment type	<p> Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: Hourly Rate: 10 Button: Add Employee </p> <p> Name: Jane Doe Department: CS Date Hired: 3/20/2002 Employee Type: Full Time Annual Salary: 85000 Button: Add Employee </p>	<p>Output:</p> <p>Employee added. Employee added.</p>
18	Determines validity of adding 2 employees with the same name, same department, same date hired, different employee type	<p> Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: Hourly Rate: 10 Button: Add Employee </p> <p> Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Full Time Annual Salary: 85000 Button: Add Employee </p>	<p>Output:</p> <p>Employee added. Employee is already in the list.</p>
19	Determines validity of adding 2 employees with the same name, same department, different date hired, same employee type	<p> Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Full Time Annual Salary: 80000 Button: Add Employee </p> <p> Name: Jane Doe Department: CS Date Hired: 3/20/2002 Employee Type: Full Time Annual Salary: 85000 Button: Add Employee </p>	<p>Output:</p> <p>Employee added. Employee added.</p>

20	Determines validity of adding 3 employee with the same name, different department, different date hired, different employment type	<p> Name: Jane Doe Department: CS Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: Hourly Rate: 10 Button: Add Employee </p> <p> Name: Jane Doe Department: IT Date Hired: 3/20/2002 Employee Type: Full Time Annual Salary: 85000 Button: Add Employee </p> <p> Name: Jane Doe Department: ECE Date Hired: 3/20/2003 Employee Type: Management Annual Salary: 85000 Management Role: Manager Button: Add Employee </p>	<p>Output:</p> <p>Employee added. Employee added. Employee added.</p>
21	Determines validity of adding 3 employee with the different name, different department, different date hired, different employment type	<p> Name: Hermoine Granger Department: CS Date Hired: 3/12/2021 Employee Type: Part Time Hours Worked: Hourly Rate: 10 Button: Add Employee </p> <p> Name: Ron Weasley Department: IT Date Hired: 3/20/2002 Employee Type: Full Time Annual Salary: 85000 Button: Add Employee </p> <p> Name: Harry Potter Department: ECE Date Hired: 3/20/2003 Employee Type: Management Annual Salary: 85000 Management Role: Director Button: Add Employee </p>	<p>Output:</p> <p>Employee added. Employee added. Employee added.</p>

