Test Case #	Test Case Purpose	Input Data	Output Data
1	Determines the validity of removing an Employee that was never added to the Employee list	**Name:** Jane Doe **Department:** CS **Date Hired:** 3/10/2021 **Employee Type:** Full Time **Annual Salary:** 85000 **Button:** Remove Employee	**Output:** Employee database is empty.

For the following test cases, assume all the following employees are successfully added to the Company database

Name: John Apple **Department:** CS **Date Hired:** 3/12/2021 **Employement Type:** Full Time **Annual Salary:** 85000

Name: Johnson Joe **Department:** IT **Date Hired:** 3/12/2021 **Employement Type:** Full Time **Annual Salary:** 85000

Name: John Jacob **Department:** IT **Date Hired:** 3/12/2021 **Employement Type:** Part Time **Hours Worked:** 0 **Hourly Rate:** 10

Name: Sarah Brown **Department:** IT **Date Hired:** 3/12/2021 **Employement Type:** Part Time **Hours Worked:** 0 **Hourly Rate:** 10

Name: Brown Jacob **Department:** ECE **Date Hired:** 3/12/2021 **Employement Type:** Management **Annual Salary:** 85000 **Management Role:** Director

Name: Joe Doe **Department:** ECE **Date Hired:** 3/12/2021 **Employement Type:** Management **Annual Salary:** 85000 **Management Role:** Department Head

Test Case #	Test Case Purpose	Input Data	Output Data
2	Determines the validity of removing an Employee that was never in the Employee list.	**Name:** Jane Doe **Department:** CS **Date Hired:** 3/10/2001 **Employee Type:** Full Time **Annual Salary:** 85000 **Button:** Remove Employee	**Output:** Employee does not exist.
3	Determines the validity of removing an Employee and adding the Employee back.	**Name:** Sarah Brown **Department:** IT **Date Hired:** 3/12/2021 **Employee Type:** Part Time **Hours Worked:** **Hourly Rate:** 10 **Button:** Remove Employee **Name:** Sarah Brown **Department:** IT **Date Hired:** 3/12/2021 **Employee Type:** Part Time **Hours Worked:** **Hourly Rate:** 10 **Button:** Add Employee	**Output:** Employee removed. Employee added.

4	Determines the validity of removing an Employee twice.	**Name:** Sarah Brown **Department:** IT **Date Hired:** 3/12/2021 **Employee Type:** Part Time **Hours Worked:** **Hourly Rate:** 10 **Button:** Remove Employee **Name:** Sarah Brown **Department:** IT **Date Hired:** 3/12/2021 **Employee Type:** Part Time **Hours Worked:** **Hourly Rate:** 10 **Button:** Remove Employee	**Output:** Employee removed. Employee does not exist.
5	Determines the validity of removing multiple Employee Types from the Employee list.	**Name:** John Jacob **Department:** IT **Date Hired:** 3/12/2021 **Employee Type:** Part Time **Hours Worked:** **Hourly Rate:** 10 **Button:** Remove Employee **Name:** Brown Jacob **Department:** ECE **Date Hired:** 3/12/2021 **Employee Type:** Management **Annual Salary:** 85000 **Management Role:** Director **Button:** Remove Employee **Name:** John Apple **Department:** CS **Date Hired:** 3/12/2021 **Employee Type:** Full Time **Annual Salary:** 85000 **Button:** Remove Employee	**Output:** Employee removed. Employee removed. Employee removed.
6	Determines whether all fields have been entered correctly. (The Name field is empty)	**Name:** **Department:** IT **Date Hired:** 3/12/2021 **Employee Type:** Part Time **Hours Worked:** **Hourly Rate:** 10 **Button:** Remove Employee	**Output:** Please enter all information correctly.
7	Determines whether all fields have been entered correctly. (The Date Hired field is empty)	**Name:** Johnson Joe **Department:** IT **Date Hired:** **Employee Type:** Part Time **Hours Worked:** **Hourly Rate:** 10 **Button:** Remove Employee	**Output:** Please enter all information correctly.

8	Determines whether all fields have been entered correctly. (The Hourly Rate field is empty)	**Name:** Johnson Joe **Department:** IT **Date Hired:** 3/12/2021 **Employee Type:** Part Time **Hours Worked:** **Hourly Rate:** **Button:** Remove Employee	**Output:** Please enter all information correctly.
9	Determines whether all fields have been entered correctly. (The Name field is empty)	**Name:** **Department:** IT **Date Hired:** 3/12/2021 **Employee Type:** Full Time **Annual Salary:** 85000 **Button:** Remove Employee	**Output:** Please enter all information correctly.
10	Determines whether all fields have been entered correctly. (The Date Hired field is empty)	**Name:** Johnson Joe **Department:** IT **Date Hired:** **Employee Type:** Full Time **Annual Salary:** 85000 **Button:** Remove Employee	**Output:** Please enter all information correctly.
11	Determines whether all fields have been entered correctly. (The Annual Salary field is empty)	**Name:** Johnson Joe **Department:** IT **Date Hired:** 3/12/2021 **Employee Type:** Full Time **Annual Salary:** **Button:** Remove Employee	**Output:** Please enter all information correctly.
12	Determines whether all fields have been entered correctly. (The Name field is empty)	**Name:** **Department:** ECE **Date Hired:** 3/12/2021 **Employee Type:** Management **Annual Salary:** 85000 **Management Role:** Director **Button:** Remove Employee	**Output:** Please enter all information correctly.
13	Determines whether all fields have been entered correctly. (The Date Hired field is empty)	**Name:** Brown Jacob **Department:** ECE **Date Hired:** **Employee Type:** Management **Annual Salary:** 85000 **Management Role:** Director **Button:** Remove Employee	**Output:** Please enter all information correctly.
14	Determines whether all fields have been entered correctly. (The Annual Salary field is empty)	**Name:** Brown Jacob **Department:** ECE **Date Hired:** 3/12/2021 **Employee Type:** Management **Annual Salary:** **Management Role:** Director **Button:** Remove Employee	**Output:** Please enter all information correctly.

| 15 | Determines whether all fields have been entered correctly. (The Management role field is empty) | **Name:** Brown Jacob
Department: ECE
Date Hired: 3/12/2021
Employee Type: Management
Annual Salary: 85000
Management Role:
Button: Remove Employee | **Output:**
Please enter all information correctly. |