***2. Test Cases for the Table***

**Assumptions and Preconditions:**

* A user should be a registered user.
* A user should have valid credentials to access the system.
* A user should be granted access to Employees details.
* A user should have Edit access to the Employee page.
* For Adding a new Employee, it is presumed that all fields are mandatory.
* Unit of Rate/Hour is set as “$” only.
* Valid Work Hours/Week: Up to 2 digits.
* As per the business requirement the valid Per hour rate: Up to 5 digits
* As per the business requirement, the table should only display 100 rows in one page and after that pagination applies.

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| Test Case 1 | Verify the user views table with all details |
| GIVEN | User is logged in successfully and is on People page |
| WHEN | User selects Department in the drop-down |
| THEN | User views an Employee table with Name and Description,Work Hour/Week, Rate per hour and Total Payout fields. |
| AND | User also views a toggle button that shows the activeness/passiveness of a user and a Delete button |

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| Test Case 2 | Check the table view upon using search functionality |
| GIVEN | The user clicks on the search bar. |
| WHEN | The user writes anything relevant and matchable in the search bar. |
| THEN | Based on the results, data is found and no table’s layout is disturbed. |

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| Test Case 3 | Delete any active employee |
| GIVEN | User has rights to delete any employee |
| WHEN | User clicks on the delete button for any active employee |
| THEN | The warning message window prompts, saying “Are you sure you want to delete this user? This is an Active Employee” |

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| Test Case 3-i | User selects ‘Yes’ from the Delete Warning window |
| GIVEN | User has clicked on the delete button and sees the warning window with “Yes” and “No” buttons |
| WHEN | User clicks on the “Yes” button for any active employee |
| THEN | The Employee is deleted and the warning pop up goes off. |
| AND | The row should immediately be removed from the table |

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| Test Case 3-ii | User selects ‘No’ from the Delete Warning window |
| GIVEN | User has clicked on the delete button and sees the warning window with “Yes” and “No” buttons |
| WHEN | User clicks on the “No” button for any active employee |
| THEN | The Employee is not deleted and the warning pop up goes off. |
| AND | The row should be there making no changes in the table |

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| Test Case 4 | Delete any inactive employee |
| GIVEN | User has rights to delete any employee |
| WHEN | User clicks on the delete button for any inactive employee |
| THEN | The warning message window prompts, saying “Are you sure you want to delete this user? This is an Inactive Employee” |

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| Test Case 4-i | User selects ‘Yes’ from the Delete Warning window |
| GIVEN | User has clicked on the delete button and sees the warning window with “Yes” and “No” buttons |
| WHEN | User clicks on the “Yes” button for any inactive employee |
| THEN | The Employee is deleted and the warning pop up goes off. |
| AND | The row should immediately be removed from the table |

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| Test Case 4-ii | User selects ‘No’ from the Delete Warning window |
| GIVEN | User has clicked on the delete button and sees the warning window with “Yes” and “No” buttons |
| WHEN | User clicks on the “No” button for any inactive employee |
| THEN | The Employee is not deleted and the warning pop up goes off. |
| AND | The row should be there making no changes in the table |

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| Test Case 5 | Check the table content after deleting any entry |
| GIVEN | The User has just deleted an entry from the table |
| WHEN | User views the table after successful deletion of the entry |
| THEN | That row should not be visible in the table. |

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| Test Case 6 | User turns the toggle button OFF for an Active employee |
| GIVEN | The user has edit access to employee table and user is on the active employee’s row |
| WHEN | The user switches the toggle button off |
| THEN | The button should turn into grey from green |
| AND | In the DB, that user’s status should change from Active to Inactive. |

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| Test Case 7 | User turns the toggle button ON for an Inactive employee |
| GIVEN | The user has edit access to employee table and user is on the inactive employee’s row |
| WHEN | The user switches the toggle button ON. |
| THEN | The button should turn into green from grey |
| AND | In the DB, that user’s status should change from Inactive to Active. |

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| Test Case 8 | User clicks on the Employees description hyperlinked text |
| GIVEN | User is on Employee’s table |
| WHEN | User clicks on the hyperlink under the Employee Name in “Employee name & Description” Column |
| THEN | User should be redirected to the Employee’s detail page and should view all necessary details that are related to that particular employee |

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| Test Case 9 | User clicks on back button from Employee’s detail page |
| GIVEN | User has just performed Test Case 8,  and is on Employee detail page |
| WHEN | User clicks on the back button |
| THEN | User should view the table in the initial state. |

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| Test Case 10 | User clicks on the import button. |
| GIVEN | User has created a csv file (allowed file format for the system) containing employee data in correct format |
| WHEN | When user clicks on the import button |
| THEN | A window pops up that requires a file in the correct format and an “OK” and “Cancel Button” |

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| Test Case 10-i | User clicks on Yes option while importing a file that is in the correct format |
| GIVEN | User has created a csv file (allowed file format for the system) containing employee data in correct format and clicked on import button |
| WHEN | User clicks “yes”, and confirms to import the file. |
| THEN | The data given in the file should be populated at the end in the given table. |

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| Test Case 10-ii | User clicks on Cancel option while importing a file that is in the correct format |
| GIVEN | User has created a csv file (allowed file format for the system) containing employee data in correct format and clicked on import button |
| WHEN | User clicks the “Cancel” button. |
| THEN | Window should go off, there should be no change in the table. |

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| Test Case 11 | User imports a file with data in the incorrect format. |
| GIVEN | User has a file in .img format which is not allowed |
| WHEN | User clicks on import button and adds the file and clicks on OK button |
| THEN | An error message should be displayed which says ”Please add a file in correct format” |

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| Test Case 12 | User drags a file to the import button |
| GIVEN | User has a file. |
| WHEN | User drags the file till the import button and then drops it. |
| THEN | A window pops up that contains the dropped file in the correct format and an “OK” and “Cancel Button”. |

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| Test Case 13 | User imports multiple files |
| GIVEN | User has two files |
| WHEN | User clicks on import button and adds the file |
| AND | Before clicking the Ok/Cancel button, the user adds another file. |
| THEN | Newly added file should overwrite the firstly added file |
| AND | No two files should be added in the table. |

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| Test Case 14 | User Adds an employee using the “Add new employee button” and fills out the form in correct format. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters the details in the above-mentioned fields for adding an Employee and clicks on Ok button. |
| THEN | The added employee is now populated in the table. |
| AND | The total payout is calculated based on the given data in Work hours/Week and Rate per hour. |

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| Test Case 15 | User Adds an employee using the “Add new employee” button and fills out the “Work Hours/Week” field with limited (upto 2 digits) numbers. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters numeric value in Hours/Week field (2-digits) |
| THEN | The added employee is now populated in the table. |
| AND | The total payout is calculated based on the given data in Work hours/Week and Rate per hour. |

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| Test Case 16 | User Adds an employee using the “Add new employee” button and fills out the “Work Hours/Week” field with Alphanumeric characters. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters alphanumeric value in Hours/Week field |
| THEN | The validation message on Work Hours/ Week appears when the user enters the Ok button, saying “Please enter only numeric values” and the employee is not added in the table |

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| Test Case 17 | User Adds an employee using the “Add new employee” button and fills out the “Work Hours/Week” field with a text format. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters text in Hours/Week field |
| THEN | The validation message on Work Hours/ Week appears when the user enters the Ok button, saying “Please enter only numeric values” and the employee is not added in the table |

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| Test Case 18 | User Adds an employee using the “Add new employee” button and fills out the “Work Hours/Week” field with the decimal value. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters decimal value in Hours/Week field |
| THEN | The added employee is now populated in the table. |

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| Test Case 19 | User Adds an employee using the “Add new employee” button and fills out the “Work Hours/Week” field with unlimited numbers. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters unlimited numbers in Hours/Week field |
| THEN | The validation message on Work Hours/ Week appears when the user enters the Ok button, saying “Please enter only upto two numeric values” and the employee is not added in the table |

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| Test Case 20 | User Adds an employee using the “Add new employee” button and fills out the “Work Hours/Week” field with negative numbers. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters unlimited numbers in Hours/Week field |
| THEN | The validation message on Work Hours/ Week appears when the user enters the Ok button, saying “Please enter only positive numeric values” and the employee is not added in the table |

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| Test Case 21 | User Adds an employee using the “Add new employee” button and fills out the “Work Hours/Week” field with a Special character. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters special characters in Hours/Week field |
| THEN | The validation message on Work Hours/ Week appears when the user enters the Ok button, saying “Please enter only numeric values” and the employee is not added in the table |

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| Test Case 22 | User adds an employee using the “Add new employee” button and fills out the “Rate per hour” field with a number (up to 2 places) and checks the total payout field. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters numeric value in Rate per hour field |
| THEN | The added employee is now populated in the table. |
| AND | The total payout is calculated based on the given data in Work hours/Week and Rate per hour. |

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| Test Case 23 | User Adds an employee using the “Add new employee” button and fills out the “Rate per hour” field with Alphanumeric characters and checks the total payout field.. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters Alphanumeric characters in the Rate per hour field. |
| THEN | The validation message on Rate per hour appears when the user enters the Ok button, saying “Please enter only numeric values” and the employee is not added in the table |

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| Test Case 24 | User Adds an employee using the “Add new employee” button and fills out the “Rate per hour” field with the text and checks the total payout field. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters text in the Rate per hour field. |
| THEN | The validation message on Rate per hour appears when the user enters the Ok button, saying “Please enter only numeric values” and the employee is not added in the table |

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| Test Case 25 | User Adds an employee using the “Add new employee” button and fills out the “Rate per hour” field with numbers and a decimal point and checks the total payout field.. |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters a decimal value in the Rate per hour field. |
| THEN | The added employee is now populated in the table. |
| AND | The total payout is calculated based on the given data in Work hours/Week and Rate per hour. |

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| Test Case 26 | User adds an employee using the “Add new employee” button and fills out the “Rate per hour” field with unlimited numbers and checks the total payout field |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters unlimited numbers in the Rate per hour |
| THEN | The validation message on Rate per hour appears when the user enters the Ok button, saying “Please enter only upto 4-digits” and the employee is not added in the table |

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| Test Case 27 | User Adds an employee using the “Add new employee” button and fills out the “Rate per hour” field with negative numbers and checks the total payout field |
| GIVEN | The form has the fields like Employee Name & Description, Work Hours/Week, and Rate per hour as mandatory input fields. |
| WHEN | User enters negative numbers in the Rate per hour |
| THEN | The validation message on Rate per hour appears when the user enters the Ok button, saying “Please enter only positive numeric values” and the employee is not added in the table |

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| Test Case 28 | Verify the table user interface on Desktop/Mobile |
| GIVEN | User logs in with valid credentials into the system and Department is selected in the drop down |
| WHEN | User lands on Employee page |
| THEN | User views a table with Employee details and the UI is perfectly fine or desktop |
| AND | A user ensures the UI of the table on mobile too to make sure it is not going off. |

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| Test Case 29 | Check when there are above 100 rows present in the database. |
| GIVEN | User is on Employee table |
| WHEN | User scrolls down through the table |
| THEN | Only first 100 rows are displayed |
| AND | There is pagination implemented on the table and user can switch among different pages |

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| Test Case 30 | Check when the user clicks on the next page from the pagination. |
| GIVEN | User has scrolled through first page of employee table |
| WHEN | User clicks on “page 2” from the pagination |
| THEN | User is redirected to the next page where Employee table is displayed |

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| Test Case 31 | Check when the user clicks on the previous page from the pagination. |
| GIVEN | User is on later page (say page number 2) |
| WHEN | User clicks the previous page from the pagination |
| THEN | User is redirected to that page |
| AND | User sees the employee table on that page |

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| Test Case 32 | Check when the user clicks on any particular page from the pagination. |
| GIVEN | User is on page (say page number 1) |
| WHEN | User clicks the later page from the pagination |
| THEN | User is redirected to that page |
| AND | User sees the employee table on that page |