**A cartoon character holding a keyboard

Description automatically generated**

**Title Page – Test Plan**

* Club House Test Plan
* Date: 03-04-2024
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* **Test Cases Format:**

Detailed description of each test case based on the use cases from the URS.

* Each test case should include:
  + **ID:** Unique identifier for the test case.
  + **Use Case Name:** The name of the use case that the test case is based on.
  + **Pre-condition:** The state of the system before the test is executed.
  + **Test Data:** The data needed to execute the test.
  + **Expected Result:** The expected outcome of the test.

**Test Cases Based on Use Cases from URS:**

**Add New Employee (UC-1)**

* **ID:** TC-01
* **Use Case Name:** Add New Employee
* **Pre-condition:** HR Manager is logged in.
* **Test Data:** Personal information, department, and employment details of a new employee. (Contract Details, Emergency Contract Details and Employee Personal Details)
* **Expected Result:** New employee added successfully.

**Update Employee Information (UC-2)**

* **ID:** TC-02
* **Use Case Name:** Update Employee Information
* **Pre-condition:** HR Manager is logged in.
* **Test Data:** Modified information of an existing employee. (Name, Role, Email, Password, Phone Number, Address)
* **Expected Result:** Employee information updated successfully.

**Remove Employee (UC-3)**

* **ID:** TC-03
* **Use Case Name:** Remove Employee
* **Pre-condition:** HR Manager is logged in.
* **Test Data:** Employee to be removed.
* **Expected Result:** Employee removed successfully.

**Search for Employee (UC-4)**

* **ID:** TC-04
* **Use Case Name:** Search for Employee
* **Pre-condition:** HR Manager is logged in.
* **Test Data:** Search criteria like name, department, or employee ID. (Search Criteria)
* **Expected Result:** Search results displayed.

**Filter Employees (UC-5)**

* **ID:** TC-05
* **Use Case Name:** Filter Employees
* **Pre-condition:** HR Manager is logged in.
* **Test Data:** Filter criteria such as department, employment status, or position. (Filter Criteria)
* **Expected Result:** Filtered employee list displayed.

**View Employee Worksheets (UC-6)**

* **ID:** TC-06
* **Use Case Name:** View Employee Worksheets
* **Pre-condition:** Department Manager is logged in.
* **Test Data:** Employee whose worksheets to view. (Employee ID or Email)
* **Expected Result:** Employee worksheets displayed.

**Assign Worksheets to Employees (UC-7)**

* **ID:** TC-07
* **Use Case Name:** Assign Worksheets to Employees
* **Pre-condition:** Department Manager is logged in.
* **Test Data:** Details of the assignment. (Time Slot, Week Day, Employee ID, Week Number).
* **Expected Result:** Worksheets assigned successfully.

**Recommendation about system state:**

After conducting thorough testing based on the defined use cases, we have assessed the system's functionality and performance. Overall, the system demonstrates robustness in handling employee management tasks as outlined in the User Requirement Specifications (URS). However, we have identified a few areas that require attention to further enhance the system's usability and reliability.

* Error handling and validation.
* Performance.