Functional Test Cases

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| **Test Case ID** | **Requirement ID** | **Description** | **Steps** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** |
| TC-001 | FR-001 | Employee logs work hours | 1. Log in 2. Navigate to "Log Hours" 3. Enter time 4. Submit | Time entry saved successfully | - | - |
| TC-002 | FR-002 | Manager approves work hours | 1. Log in as Manager 2. Navigate to approvals 3. Approve entry | Status updated to "Approved" | - | - |
| TC-003 | FR-003 | Employee edits a time entry | 1. Log in 2. Select entry 3. Modify time 4. Save | Entry updated successfully | - | - |
| TC-004 | FR-004 | HR exports payroll data | 1. Log in 2. Go to Payroll 3. Select range 4. Export | Downloadable payroll file generated | - | - |
| TC-005 | FR-005 | Employee generates a report | 1. Log in 2. Select report type 3. Click "Generate" | Report displayed correctly | - | - |
| TC-006 | FR-006 | Admin sets work schedules | 1. Log in 2. Go to "Schedules" 3. Set shift 4. Save | Schedule updated successfully | - | - |
| TC-007 | FR-007 | System sends notifications | 1. System detects missing entry 2. Triggers notification | User receives an alert | - | - |
| TC-008 | FR-008 | Admin manages users | 1. Log in 2. Go to "User Management" 3. Add/Edit/Delete user | User data updated successfully | - | - |

Non-Functional Test Cases

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| **Test Case ID** | **Requirement ID** | **Description** | **Steps** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** |
| TC-009 | NFR-001 | Performance: Handle 1,000 users | 1. Simulate 1,000 logins 2. Measure response time | Login should take <2 sec | - | - |
| TC-010 | NFR-002 | Security: Prevent unauthorized access | 1. Attempt access without login 2. Try accessing another user's data | Unauthorized access should be denied | - | - |