

USECASE DIAGRAM

HOSPITAL LEAVE SYSTEM

CPIT250

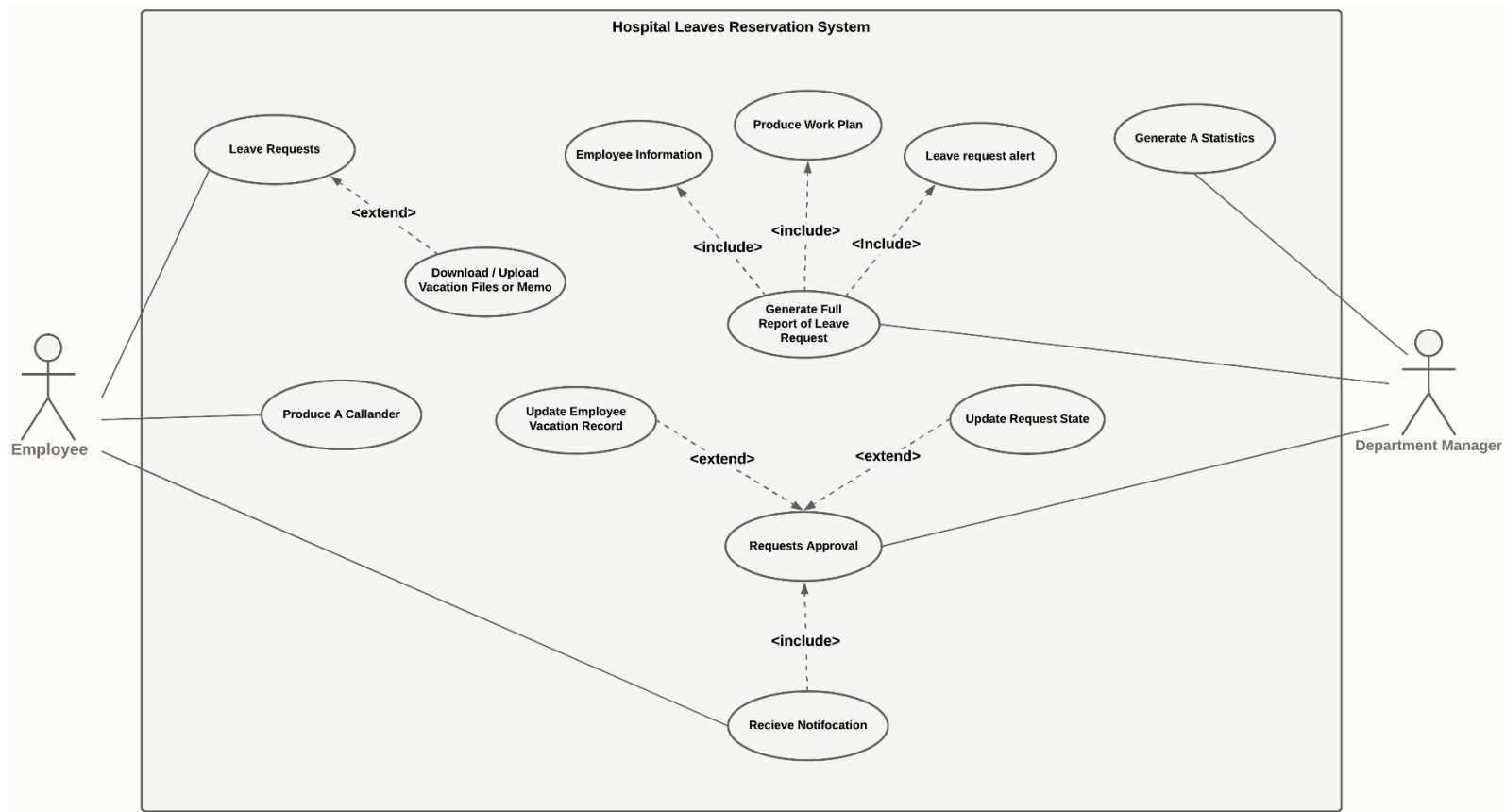


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USE CASE DIAGRAM



WRITTEN USE CASE DESCRIPTION

Renad Mohammed Alqarni.

Use Case Title: Leave Request
Primary Actor: Employee
Level: Kite (summary)
Stakeholders: Department manager, Employee
Precondition: Employee accesses the hospital leave website
Minimal Guarantee: Rollback of any uncompleted transaction
Success Guarantee: Receive employee leave request
Trigger: Employee accesses leave request homepage
Main Success Scenario: 1- Employee fills leave request form and upload file if needed. 2- Employee send leave request. 3- Department manager receive employee request. 4- Department manager decide to approve or refuse employee request. 5- Employee receives Department Manager decision notification.

Extensions:

- 1a. Download/Upload employee files fail.
 - 1a1. Save leave request form information.
 - 1a2. Reload the page.
 - 1a3. Upload/Download files again.

- 2a. Send employee leave request fails.
 - 2a1. Save leave request information.
 - 2a2. Resend the request.

- 3a. Department Manager doesn't receive employee requests.
 - 3a1. Notify the employee to resend the request or contact with Department Manager.

- 4a. Receive Department Manager decision failed.
 - 4a1. Try to enter the decision later.

- 5a. Employee doesn't receive the decision notification.
 - 5a1. Notify the Department Manager to contact with employee.
 - 5a2. Employee waits for decision notification.

Use Case Title: Generate Full Report
Primary Actor: Employee
Level: Kite(summary)
Stakeholders: Employee, Department Manager
Precondition: Employee access hospital website
Minimal Guarantee: Rollback of any uncompleted transaction.
Success Guarantee: Request Accomplished
Trigger: Employee access Leave Request page in web site
Main Success Scenario: <ol style="list-style-type: none">1. Department Manager receives leave request notify2. The function of generating a full report uses employee information of the vacation request.3. The function produces a work plan for future updates.4. Department manager receives a full report of the leave request and future working plan.

Extensions:

- 1a. The Department Manager does not receive any leave requests
 - 1a1. Department manager quits site
 - 1a2. Department manager check request list later
- 2a. Employee information is missing
 - 2a1. The transaction rolled back. The employee gets notified of the issue.
Employee start filling information again
 - 2a2. The transaction rolled back. The employee gets notified of issue.
Employee quits site
- 3a. Current Working plan does not exist
 - 3a1. The function does not produce a future working plan. The report
contains a message of the error
- 4a. The report failed to reach the department manager
 - 4a1. The department manager gets notified of the issue. The department
manager seeks other means of confirmation

Use Case Title: Requests Approval
Primary Actor: Department Manager
Level: Kite (summary)
Stakeholders: Department Manager, Employee
Precondition: Employee access the Hospital Leaves Website
Minimal Guarantee: Reject the request and rollback of any uncompleted transaction
Success Guarantee: Receive employee request agreement
Trigger: Employee send a leave request by the website
Main Success Scenario: <ol style="list-style-type: none">1. Employee fill a request form and upload files if needed2. Employee send the leave request3. Employee waits for the approval and checks the request status4. Department Manager receive the request5. Department Manager decide about giving the approval6. Employee receive an agreement notification

Extensions:

1a. Failure to download files

1a1. Reload the page

1a2. Employee uploads the files again

2a. Department Manager never receive the request

2a1. Employee resend the request

2a2. Employee contacts with the Department Manager

3a. Status does not update

3a1. Employee quit the site

3a2. Inform the Department Manager to try update again

4a. Approval notification does not reach to the employee

4a1. Employee waits for the approval email

4a2. Employee checks the request status