SOFTWARE REQUIREMENT SPECIFICATIONS DOCUMENT

on

STATUS REPORTING TOOL

submitted by

Uma Kalyani (PS Intern)

Balaji (PS Intern)

Tirumalesh (PS Intern)

Himakar (PS Intern)

Shiva Kumar (PS Intern)

to

OPENTEXT

Customer Acceleration Laboratory

Hyderabad, Building No. 20

Raheja IT Park, Hitec City

STATUS REPORT TOOL

Objective:

   Status Report Tool is to send daily status reports to the corresponding Manager, which helps both Employee as well as Manager to view previous reports of an employee. Manager can view the subordinates' profiles, add remarks. An employee can update his details at Dashboard. User Credentials are managed by the Manager.
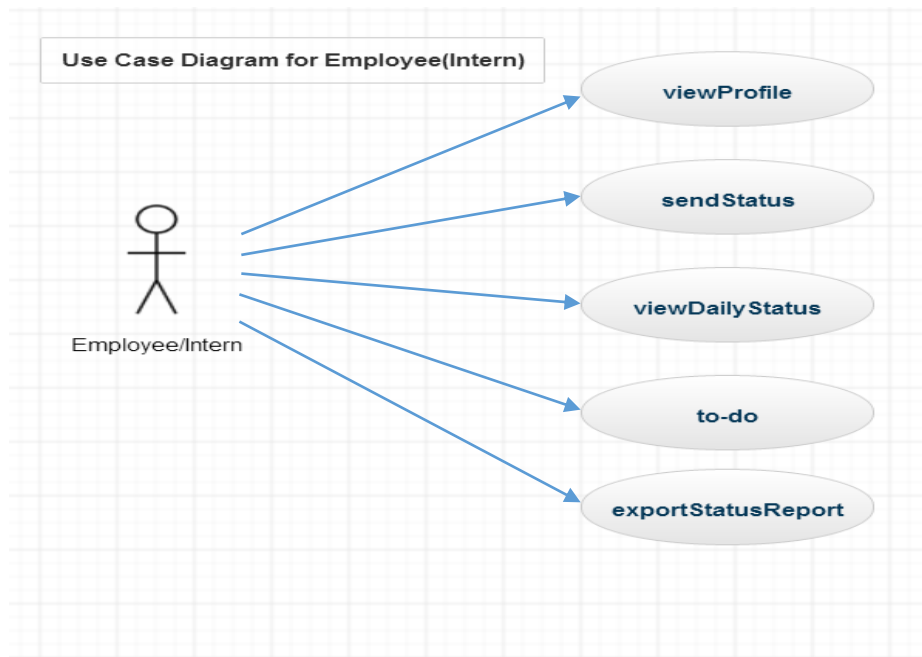
Existing System:

1. The subordinate sends status through the company email to their corresponding manager.
2. It is difficult to search and view all the previous statuses sent by the subordinate as searching each and every mail is difficult task.
3. The manager has to add the remarks to the employee in a separate folder.
4. The tasks to be done by the Subordinate on a particular day in a particular time is noted in a separate folder.

Proposed System:

- It is used to send the status to the manager by their respective subordinates.
- A Subordinate can view all his previous statuses, notes down the list of the tasks to be completed in the to-do list, update his info in the dashboard and can view the message sent by the manager in inbox.
- The Subordinate can view his profile by clicking on the email id.
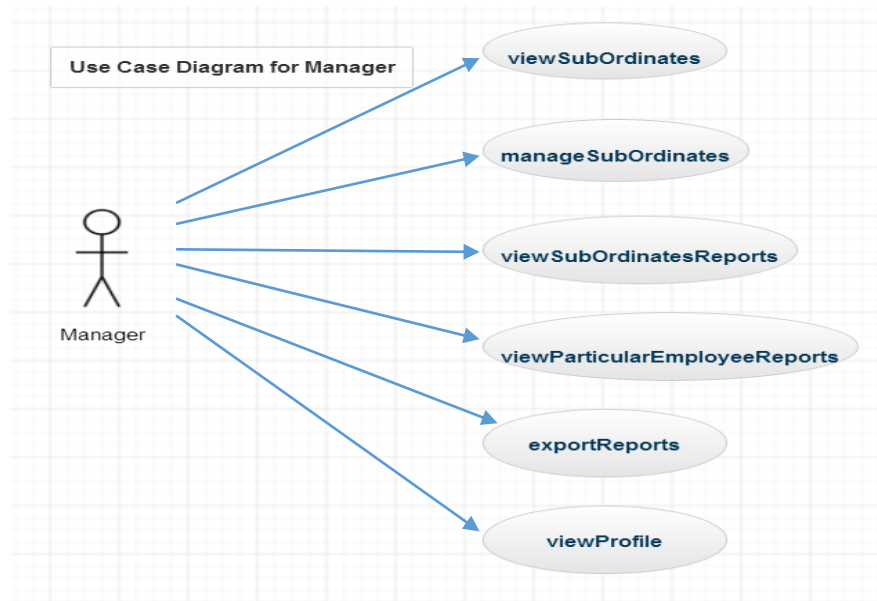- A Subordinate should be added by the manager.

Use Case Diagrams:

Use Case Diagram for Employee(Intern)

Use case description for Employee:

Use case	Description
viewProfile	Employee can view/update(only authenticated fields) his own profile
sendStatus	Can send his activity status to his manager
viewDailyStatus	Can view his status daily wise and monthly wise
To-do	Can add some personal notes like to-do's on his dashboard
exportStatusReport	Can export his activity report both monthly wise

Use case diagram for Manager :

Use case diagram for Manager:

Use case	Description
viewSubOrdinates	Can access his subordinate's profiles
manageSubOrdinates	Can add/deactivate subordinate
viewSubOrdinatesReports	Can view the activity/task status sent by all employee on particular day
viewParticularEmployeeReports	Can view the particular employee's reports from the
exportReports	Can export the activity reports as excel file
viewProfile	Can view his own profile
employeeRemarks	Can add personal remarks on every employee

users table

Name	Constraints	Type
Emp_id	Primary Key	Varchar2(30)
Name		Varchar2(30)
Phone		Varchar2(15)
Email		Varchar2(25)
Position		Varchar2(10)
Address		Varchar2(100)

emp_status table

Name	Constraints	Type
Emp_id		Varchar2(30)
Dt		Date
Status		Varchar2(1000)
Mgr_id		Varchar2(30)

user_login table

Name	Constraints	Type
Emp_id	Primary Key	Varchar2(30)
Pwd		Varchar2(20)
SecQ		Varchar2(20)
SecA		Varchar2(20)
Utype		Varchar2(10)
Active		Char(1)

assign_mgr table

Name	Constraints	Type
Emp_ID		Varchar2(30)
Sup_id		Varchar2(30)
Dept		Varchar2(20)

emp_remark table

Name	Constraints	Type
Emp_id		Varchar2(30)
Dt		Date
Remark		Varchar2(500)
Mgr_id		Varchar(30)

mailbox table

Name	Constraints	Type
To1		Varchar2(30)
Message		Varchar2(500)
Dt		Date
From1		Varchar2(30)

Functional Requirements:

- A subordinate can send daily status report to his manager.
- He can be either an employee or a manager.
- He should be able to view his own status reports on basis of given date
- He should be able to update his information.
- He should be able to view the messages sent by the manager.
- Manager should be able to view the daily status reports sent by his subordinates on basis of given ID, Date.
- Manager should be able to export/print the reports.
- Manager should be able to add personal remarks of his subordinates. Also, he should be able to view the previous remarks added by him.
- He can add/remove his subordinates (Manager/Employee).
- Cross browser compatibility

Software Requirements:

- Server Side:

    Any Web server like apache.

- Client Side:
    o Browser supporting HTML5.
    o Operating System: Linux, Windows

Hardware Requirements:

System Configuration:

1. RAM:2GB
2. Processer: Intel i3 dual core
3. Installed with LAN Drivers

Non Functional Requirements:

- The architecture should be adaptable for future modifications and inclusion of new features.
- Professional look and feel.
- 24/7 availability.
- Should offer confidentiality for accessing user's personal data.

Optional features:

- User manual should be provided.
- Subordinate should be able to add sticky notes.
- Subordinate should be able to send mails to his colleagues.
- Automatic Database backup.

Users of the System:

1. Manager
2. Employee

Tools to be used:

IDE: Any standard IDE Eclipse, MyEclipse, Netbeans etc.
Any webserver like apace tomcat etc.
Database: Any standard database like Oracle, My-SQL, Java Derby etc.
UML tool: Edraw max,smart draw max etc.
Testing   :Jmeter

Technologies to be used:

- UML
- J2EE(JSP,Servlets,Core Java)
- JDBC
- HTML5
- CSS3
- Bootstrap
- JavaScript

Final Deliverables:

A. Online or offline help to above said users, Applicationdeployment executive and developer

B. Application archive (.war/.ear) with source code

C. Database backup and DDL Script

D. Complete Source code