Figure 31.0: Form of Assigning a Task of Admin Task Window

Source: Author

5.8 Interface of Contact Manager Window

Admin is able to do the changes to the employee details. The details of the employees contain in this contact manager page. Creating a new user, editing current employees' details and deleting the employee records can be done within the contact page. Like the task page when clicking the buttons a form will be pop upped. Then user is able to fill the forms and send the data to the database by submitting the data. Following figures shows the interfaces of mentioned modules related to the contact manager page.
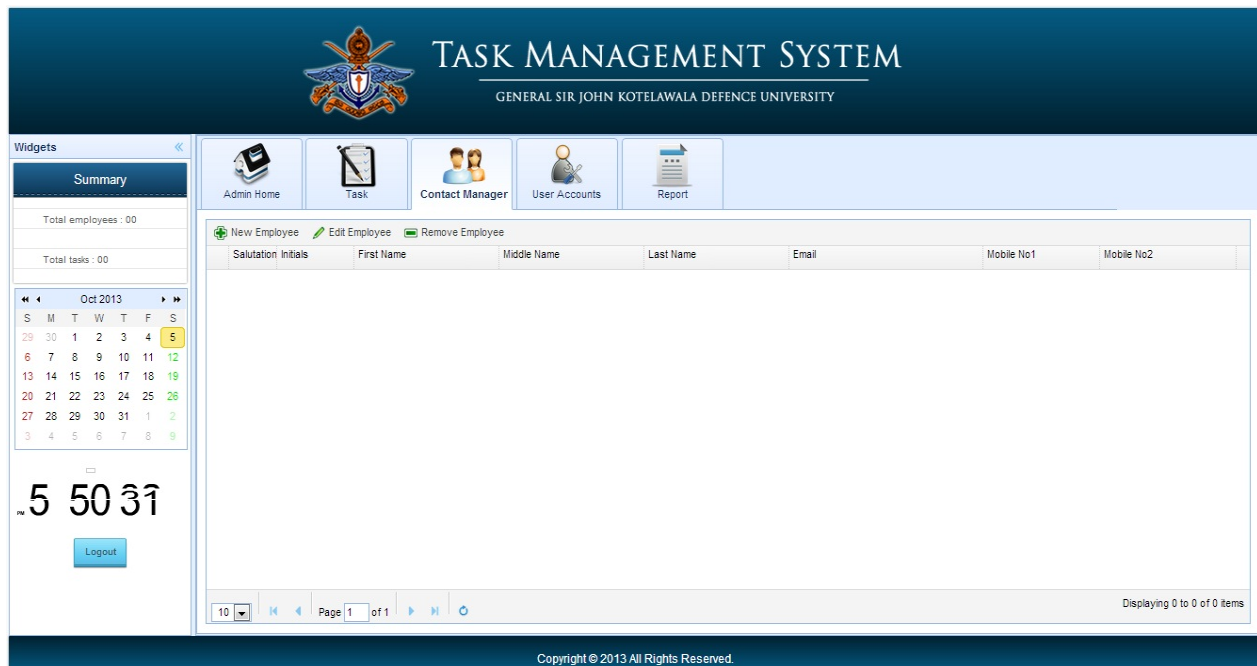
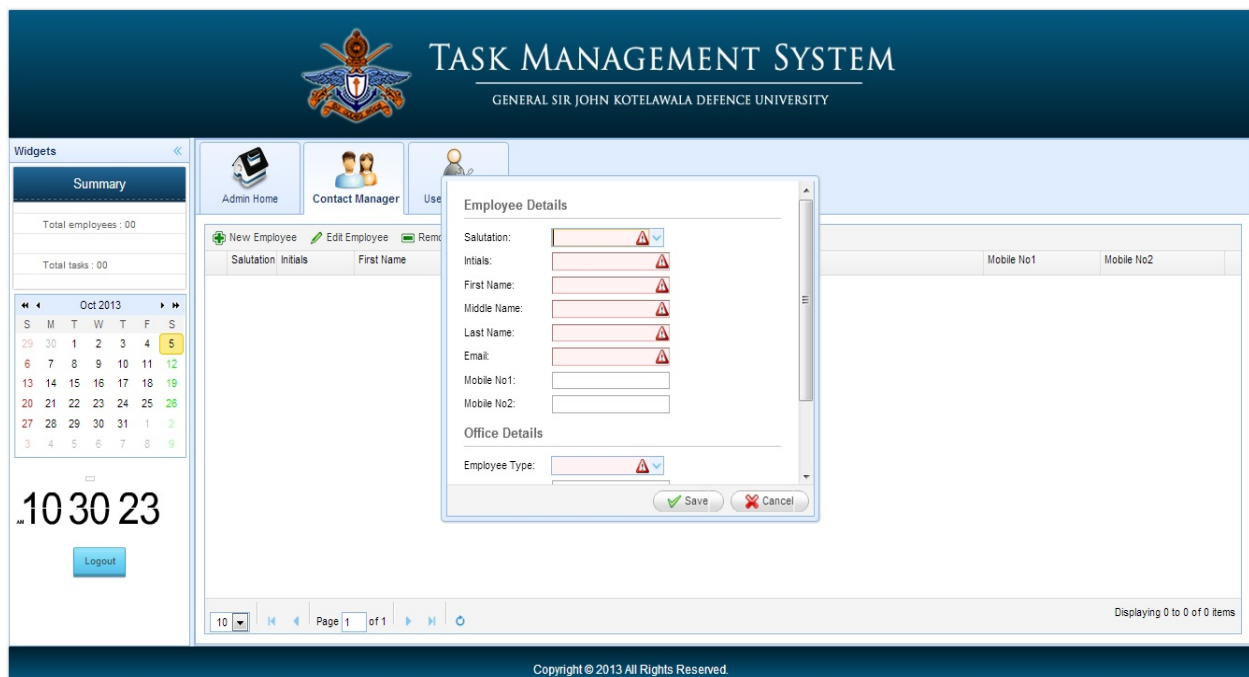Figure 32.0: Interface of Admin's Contact Manager Window

Source: Author

Figure 33.0: Form of Creating an Employee of Admin's Contact Manager Window

Source: Author

5.9 Interface of User Account Window

This is the especial menu for the system admin in order to manage the use accounts of every users of the system. In here admin is able to create, edit and delete user accounts. Following figures show the User account menu and the form of adding a new user account.
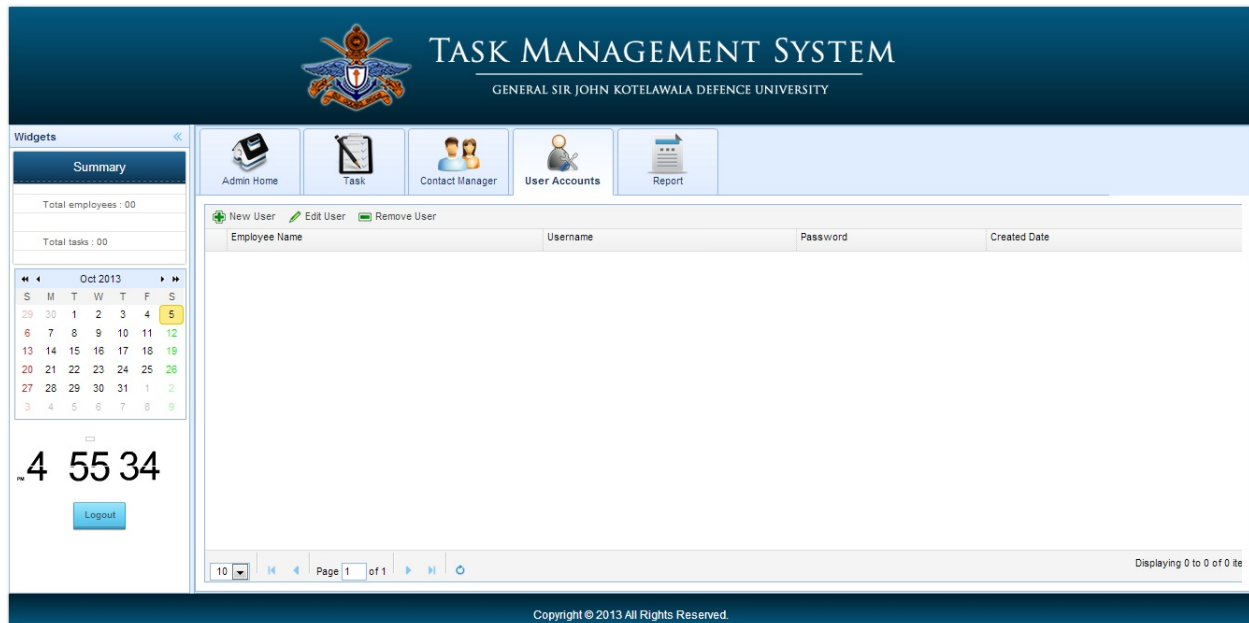

Figure 34.0: Interface of Admin's User Account Window
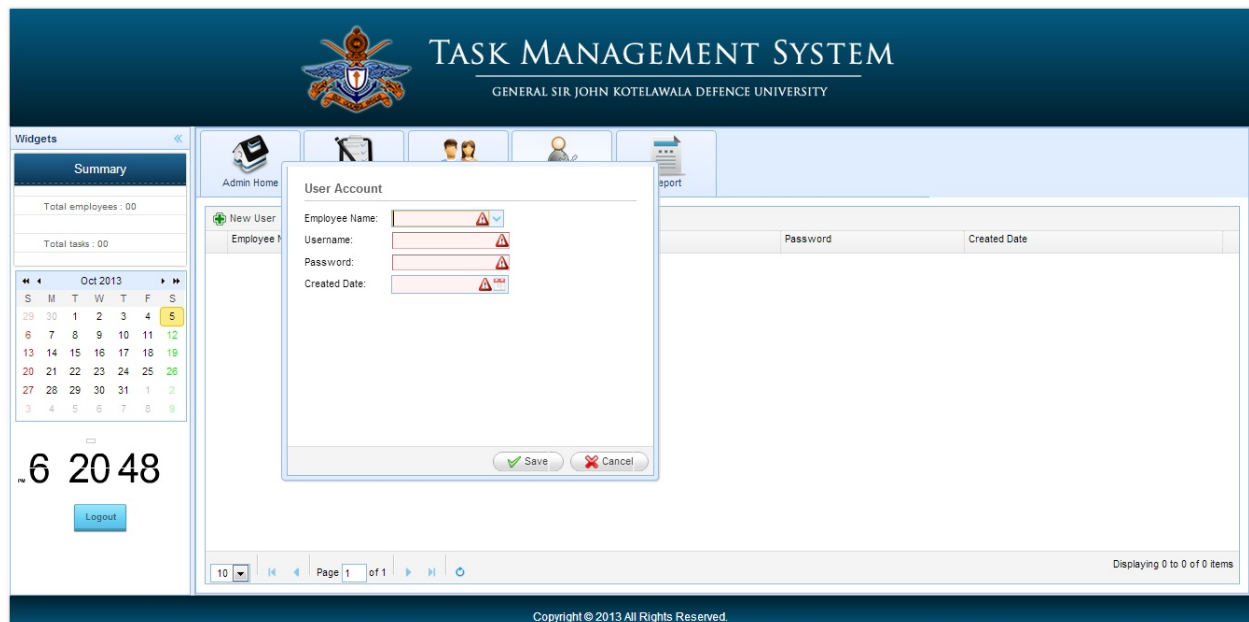Source: Author

Figure 35.0: Form of creating a new user account of Admin's Contact Manager Window
Source: Author

5.10 Interface of Admin's Report Window

Admin is also able to generate reports on tasks details by selecting an employee. After selecting the employee system generate a report which contains task details of that particular employee. Following figures shows the interface of report window and the form of selecting employee.

Figure 36.0: Interface of Admin's Report Window
Source: Author

Figure 37.0: Form of selecting an Employee of Admin's Report Window
Source: Author

6.0 Summary

This document represented data under 4 main sections namely Overall System Architecture, Software Architecture, Data design & Interface Design regarding to the development of the computerized TMS.

Overall architecture of this system is divided in to 3 main layers namely presentation layer, application layer and data layer. Presentation layer focuses on the how the system interfaces are presented to the user while the application layer builds interaction between the presentation layer where the inputs of the interfaces and the data link layer where the required data are contained. Data layer includes the database management applications which will be helped to store the data of each module. There is only one database to handle the records and this database will consist of several tables. JEasy UI frame work will be used for the interface designing with html and php as the scripting language for the system. MySQL will be used as the database management application.

Software architecture of the developing system will be based on a modularized approach where system in divided in to different modules. TMS will contain main 5 modules namely Authentication/Login Module, System Administration, Task Administration, View Tasks & Employee Records and Report Generation. Each module will have specific functions under them. Access to modules will be divided into two sections that is Administrator and General user where Administrator can access to all modules while Genera users can access all modules except system administration module.

When it comes to the data design there will be one central database using MySQL database management application hosted in the web server. Access to the database should be done through the network. An EER is modeled as for the requirements of the developing system and it is then converted into relations. Database contains several tables according to the logical design to store information about tasks, employees and etc. Relationships between these tables are also established according to the requirements.

All the interfaces and forms needed such as Interface of task assigned by me, interfaces of the task window, form of Creating a New Tasks, Form of Assigning a Task and etc. are designed with using html and jeasy ui frame to produce user friendly interfaces.