**<<CompSys>>**

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# **Introduction**

# **Functional Components**

## **User Requirements**

### The system performs staff administration

#### CompSys will allow the details of each new staff to be recorded.

#### CompSys will allow a staff details to be amended.

#### CompSys will allow staff to be de-registered.

#### CompSys will generate a staff listing.

### The system performs member administration

#### CompSys will allow the details of each new member to be recorded.

#### CompSys will allow a member details to be amended.

#### CompSys will allow de-registration of a member.

#### CompSys will allow querying a member.

#### CompSys will generate a member listing.

### The system performs repair management

#### CompSys will allow the details of each new repair to be recorded.

#### CompSys will generate a new repair estimate.

#### CompSys will allow the system to validate a new repair.

#### CompSys will issue invoices for each new repair.

#### CompSys will process ever repair being collected.

#### CompSys will generate repair report for each repair.

### The system performs administration

#### CompSys will generate a list of jobs and their status.

#### CompSys will issue invoice for any repair at any given period.

#### CompSys will generate income analysis to require specification.

## **System Requirements**

Manager

Staff

<<includes>>

<<extends>>

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | **New Staff** | | **Author: Nazmul** |
| **Use Case Id** | 2.1.1.1 | | **Date: 14/10/2014** |
| **Priority** | Medium | | |
| **Source** |  | | |
| **Primary Business Actor** | Staff | | |
| **Other Participating Actors** | Manager | | |
| **Description** | Should describe the purpose of the use case in a few sentences.  The actor that initiates the use case can be documented here. | | |
| **Preconditions** | A precondition is a constraint on the system or indicates another task or use case that must be completed before beginning the use case. | | |
| **Trigger** |  | | |
| **Typical Scenario** | **Actor Action** | **System Response** | |
|  | **Step 1:**  **Step 4:** | **Step 2:**  **Step 3:**  etc | |
| **Alternate Scenarios** | **Actor Action** | **System Response** | |
|  |  |  | |
|  |  | | |
| **Conclusions** |  | | |
| **Post conditions** | Defines a constraint on the system when the use case has terminated. | | |
| **Business Rules** |  | | |
| **Implementation Constraints** | Specify any non-functional requirements that may impact the realisation of the use case | | |

# **System Model**

# **Data Model**

# **Database Schema**

# **Program Specifications**

# **Conclusion**

# **References:**