

Service Management system

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2015

IT Service Management (YTService)

ITSM is an Information Technology Service Management system, which manages all the IT related services such as servicing a Computer or a Printer into the computerized form. When the customer brings their devices for servicing, the technician check the device and enter the details into the system. The technician also decides whether the device will be repaired locally or has to repair by the service center. Once the service note is generated the customer will receive an SMS from the system and also logged. The customer can use the Service note id for future reference.

The Technician head can check the system for the list of Service issues registered and can allocate it to the service engineers. Once the service is allocated to a particular engineer, he/she will receive intimation in the form of SMS. The details about the device will be mentioned in the SMS such as the Service Note No. and the problem of that device. If the service engineer repairs the system he can have two options for the status of the device while updating into the system such as REPAIRED, NOT_REPAIRABLE. The customer will receive an SMS which states the status of the device and also intimation for taking the device from the IT Shop. This will help the IT Shop/ Service Center to get rid of the Calling the customer and asking them to take the device. It also helps to clear the services easily and effectively.

If the service is for OUTHOUSE i.e., for SERVICE CENTER, then the item has to be decided that to which SERVICE CENTER we are going to allocate. Once the allocation process is done then we have to do a courier entry so that the devices we can send by courier. After the courier entry, the service center will receive a SMS with the details of the items inside a courier. The service Center when it repaired/replace the items and send it to the IT Shop, He/she can do the entry in the system stating the status of the device. An automated SMS will go the Customer stating the status of the Item and also informing them to take the item back.

Lastly, the delivery entry has to be performed before giving the item(s) to the Customer with valid information about the Person who receives the item(s).

This system will greatly help the Shop keeper / Manager of the IT Shop to handle the service(s) efficiently and also monitors the working efficiency of the service engineer.

Features:

Courier Details

Service Center Details

Service Engineer Details

Service Entry

In-house Entry

Out House Entry

Item Repaired/Replace entry

YTService Configuration

Reports

Stock In-house

Stock Out-House

Message Logs

Receive/Repaired but not delivered list

Assigned Item List

Courier List

Item Received List

Unassigned Item List

In-house List

Item Repaired List

Service Item List

Software requirement

- ✓ Microsoft® Windows® XP, 7 or higher
- ✓ SQL server 2008 express
- ✓ Dot Net framework 3.5 or higher
- ✓ Intel® Pentium® III 500 MHz or compatible or higher
- ✓ 1GB of RAM or higher
- ✓ 3GB Hard disk or higher
- ✓ Monitor
- ✓ Keyboard and Mouse
- ✓ UPS (Uninterruptible Power Supply)
- ✓ Printer

Sample Screen shots

The screenshots illustrate the YTSERVICE application interface, which is designed for managing service requests and configurations.

Screenshot 1: Enter the Customer Details

This screen allows users to enter customer information. The fields include:

- Customer Name: SACHIN
- Contact No: 9788383887
- Email: SACHIN.IM@GMAIL.COM
- Item Name: HP LAPTOP
- Problem: NOT BOOTING
- Problem ID: I20152
- Serial No: AX09290
- Estimated: 500
- Final Amount: 0
- Items Included: CHARGER

Users can select the service type as **IN-HOUSE** or **OUT-HOUSE**. A **DONE** button is visible in the top right corner.

Screenshot 2: Assigned Item to the service Engineer

This screen shows the assignment of a service item to a specific engineer. The fields include:

- Service Engineer: Sachin
- Date: 24-Mar-2015

The screen displays two columns for item assignment:

- Item not assigned to Service Engineer: LKJLKASDF(20146.SDFASDF.mj), HP LAPTOP(20152.SACHIN.AX09290)
- Item assigned to Service Engineer for repairing: MONITOR(20145.BINOD KUMAR SINGH.jmbmb)

A **Remarks** field is provided at the bottom.

Screenshot 3: YTSERVICE Configuration

This screen allows users to configure various system settings:

- Voucher's Initial:** In-House (I) and Out-House (O) fields.
- SMS:** Sent Automatically (ON/OFF toggle).
- Security:** Automatically Lock if not used (ON/OFF toggle) with a time interval (1 in mins).
- Windows:** Full screen Mode (ON/OFF toggle).

A note at the bottom states: "Note: The changes will be reflected after restart of the applications".

The footer of the application reads: "Designed by YTech | Welcome admin! | GSM Port | Lock".