



Industrial Training Institute

# Cloud Based Digital ITI Trainee Management System

## FOR INDUSTRIAL TRAINING INSTITUTE

ANDROID APPS & WEB BASED SYSTEM



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**In Date 1 Aug 2019 to till date our Cloud Based Online ITI Trainee Management System already worked in Govt ITI Mandvi ,Surat, Gujarat**



# Company Profile

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## Services Providing

- ✓ Website Development
- ✓ Software Development
- ✓ Hosting & Domain Services
- ✓ Bulk SMS Services
- ✓ Cloud Hosting
- ✓ Mobile Application Development
- ✓ E-commerce Development

## Web-Portal Base Product

- ✓ School & College Portal
- ✓ ITI Web-portal
- ✓ Business Web-portal
- ✓ Doctor & Hospital Web-portal
- ✓ Tours & Travels Portal

## Software Product

- ✓ Loyalty Soft
- ✓ Agency+ Soft

**10+ Years Experience**

2007

**Employee Strength 25+**



2000+

Website Developed

85+

ITI Website Development



Ahmedabad | Palanpur

**GEM Website Seller Registration No : SR/12497**

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# **Online Cloud Based Attendance System**

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1. Build a mobile application and web based application to maintain attendance of Trainee, reduce the paper work related to attendance and some other features.
2. Build a mobile application and web based application to maintain attendance of Students
3. Reduced operational time.
4. Increased accuracy and reliability.
5. Increased operational efficiency.
6. Data security.
7. Centrally Manage & Track ITI & ITI Trainee Attendance records.
8. This project is used by several users : - Ho Login, RDD Login, Principal Login, Forman Login, Instructor Login and Trainee Login.

# Drawbacks of the Existing System

1. Manual maintenance of data.
2. Searching for any correspondence is difficult.
3. Lack of SMS facility.
4. No attendance percentage calculation.
5. No any Centrally attendance reporting.
6. Portability.





This project is developed by using ASP.NET and SQL Server. It is divided into two phases. In the first phase, feasibility study is conducted, requirement analysis is carried out to understand the need for the system and the necessary modules such as admin module, registration module, trainee module and SMS and android module are identified and explored in section, in the design phase, requirements are converted into system design, In the second phase, design is converted into coding, testing is conducted to ensure that the developed project is bug free and it meets the requirement specification. Finally developed project is installed and it is ready to use.

# Development Platform & System Requirements

## Selection of software and language

1. Front End : Asp.Net (MVC)
2. Back end : SQL Server
3. OS Platform : Windows Server 2012 or above
4. IDE : Visual Studio 2012 or above
5. Supporting s/w : Android & SQL Lite Database

## Third party API & Web services

1. SMS API
2. Bulk Email API

## Selection of hardware (Need Dedicated server)

1. Processor : Intel Core 2 Quad
2. RAM : Minimum 16 GB
3. HDD : Minimum 500 GB
4. Server should be Hardware Raid 1
5. Server Antivirus
6. Android Mobile for Taking Attendance
7. SSL Certificate





**HO ADMIN MASTER**



**RDD ADMIN MASTER**



**ITI ADMIN MASTER**



**PRINCIPAL**



**FORMAN**

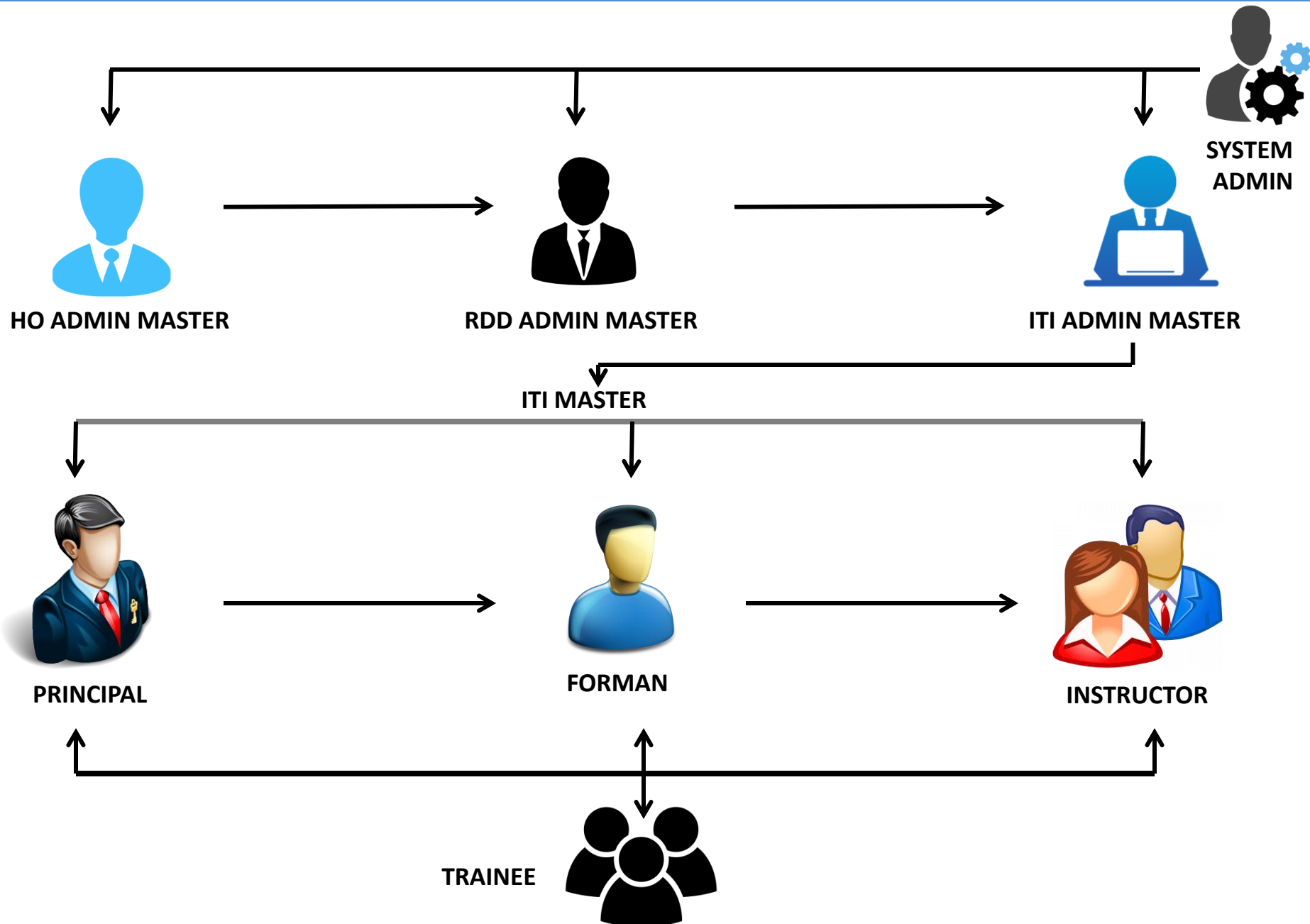


**INSTRUCTOR**

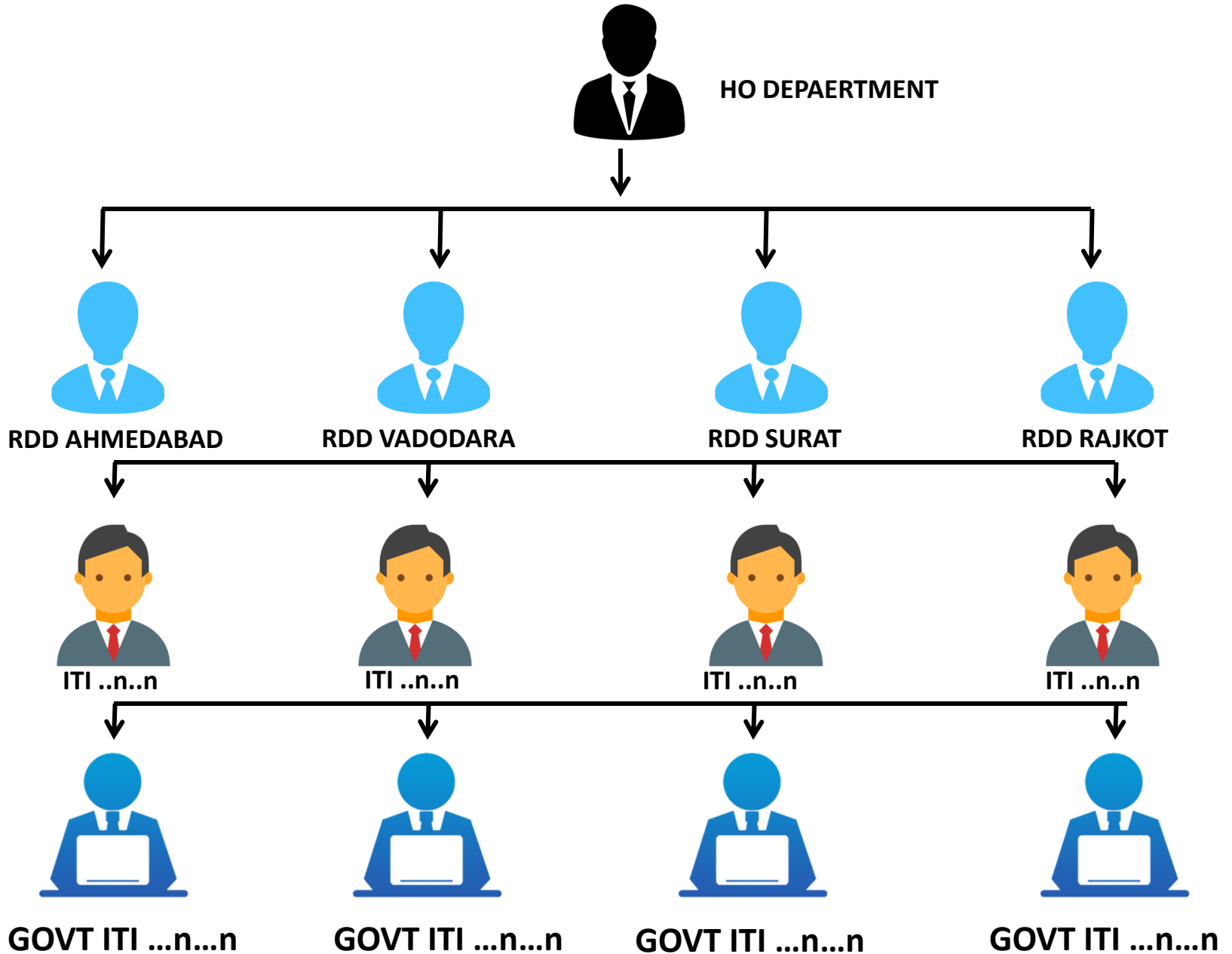


**TRAINEE**

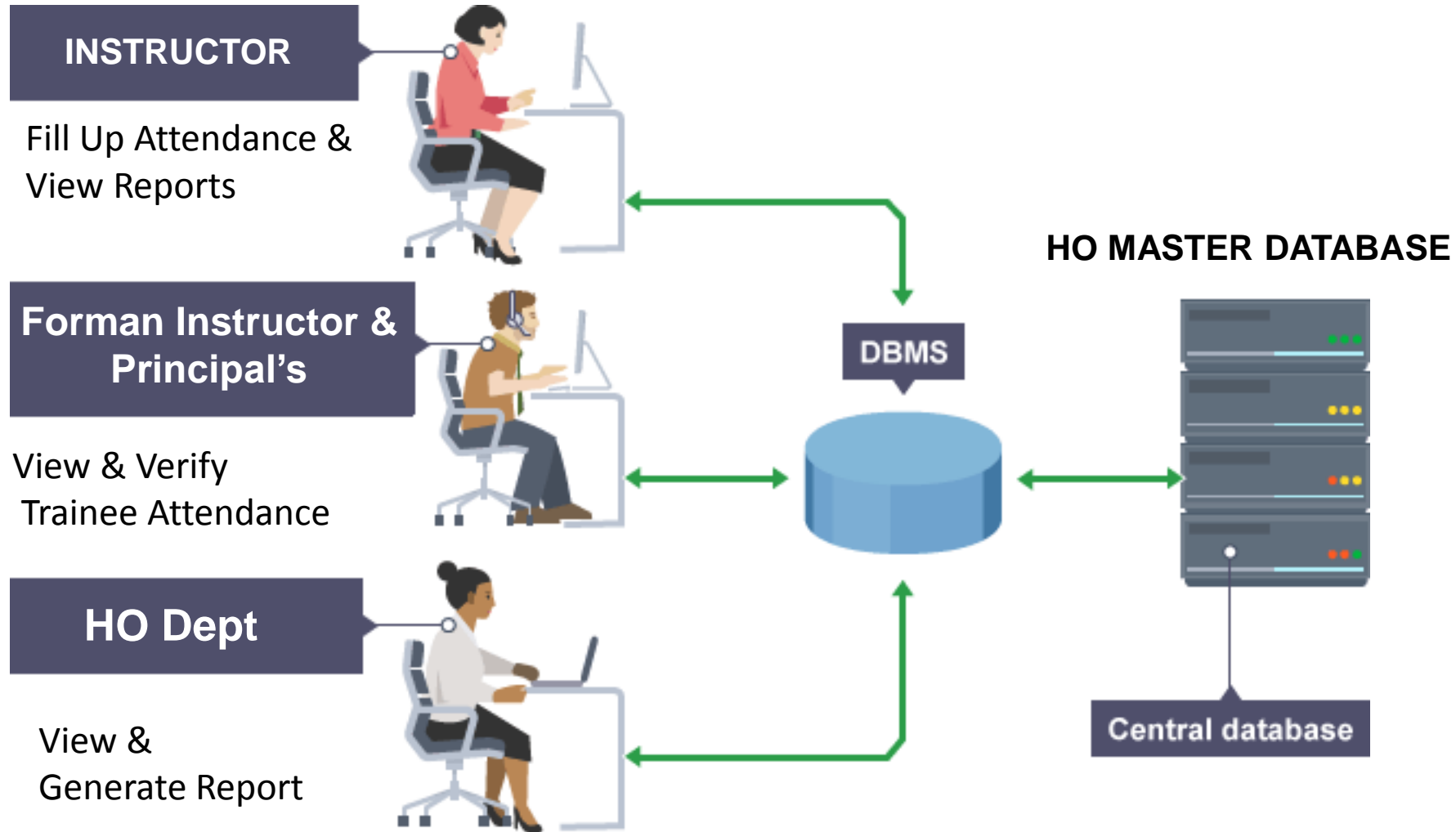
# System Basic Flow



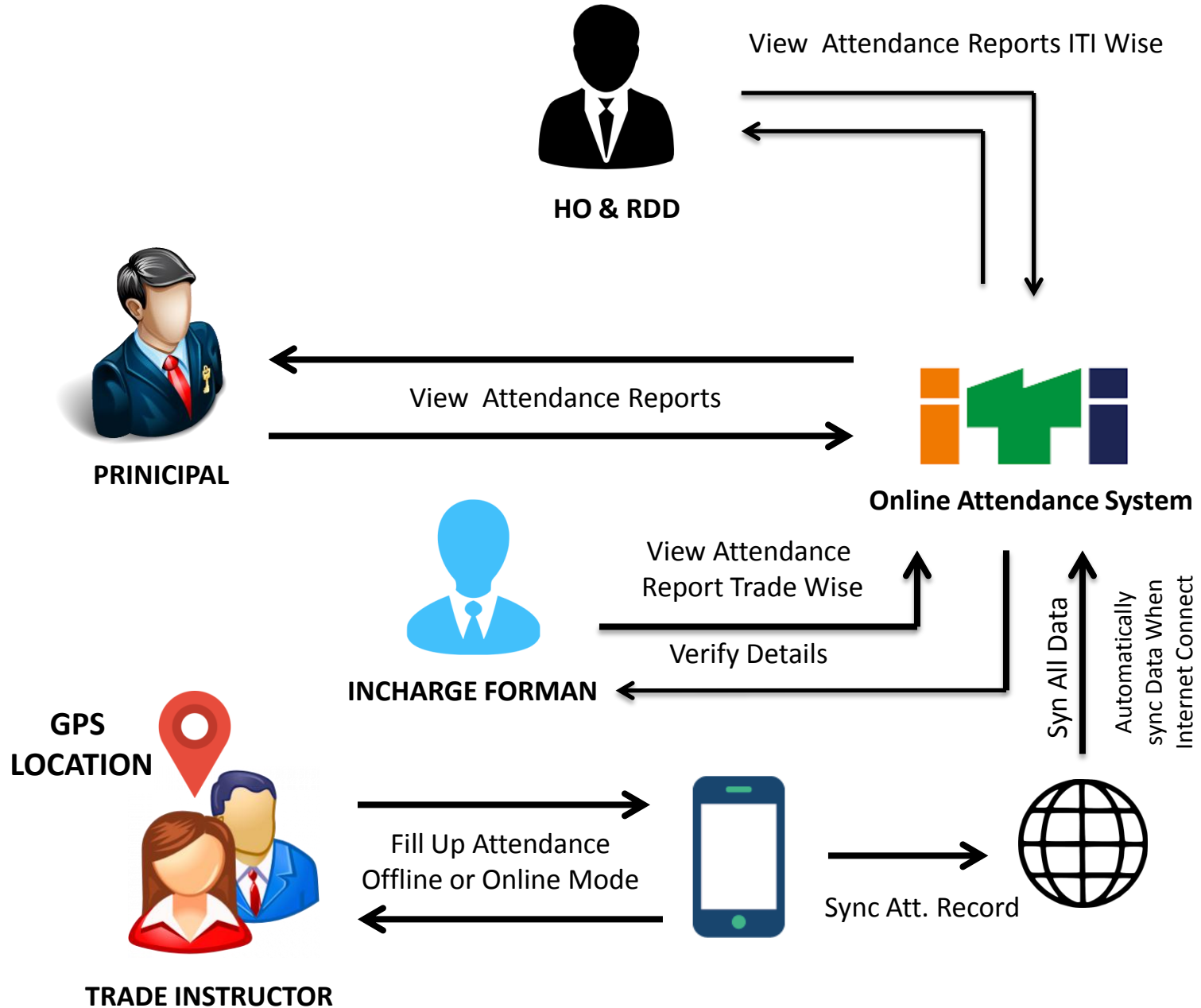
# Users Tree Flow



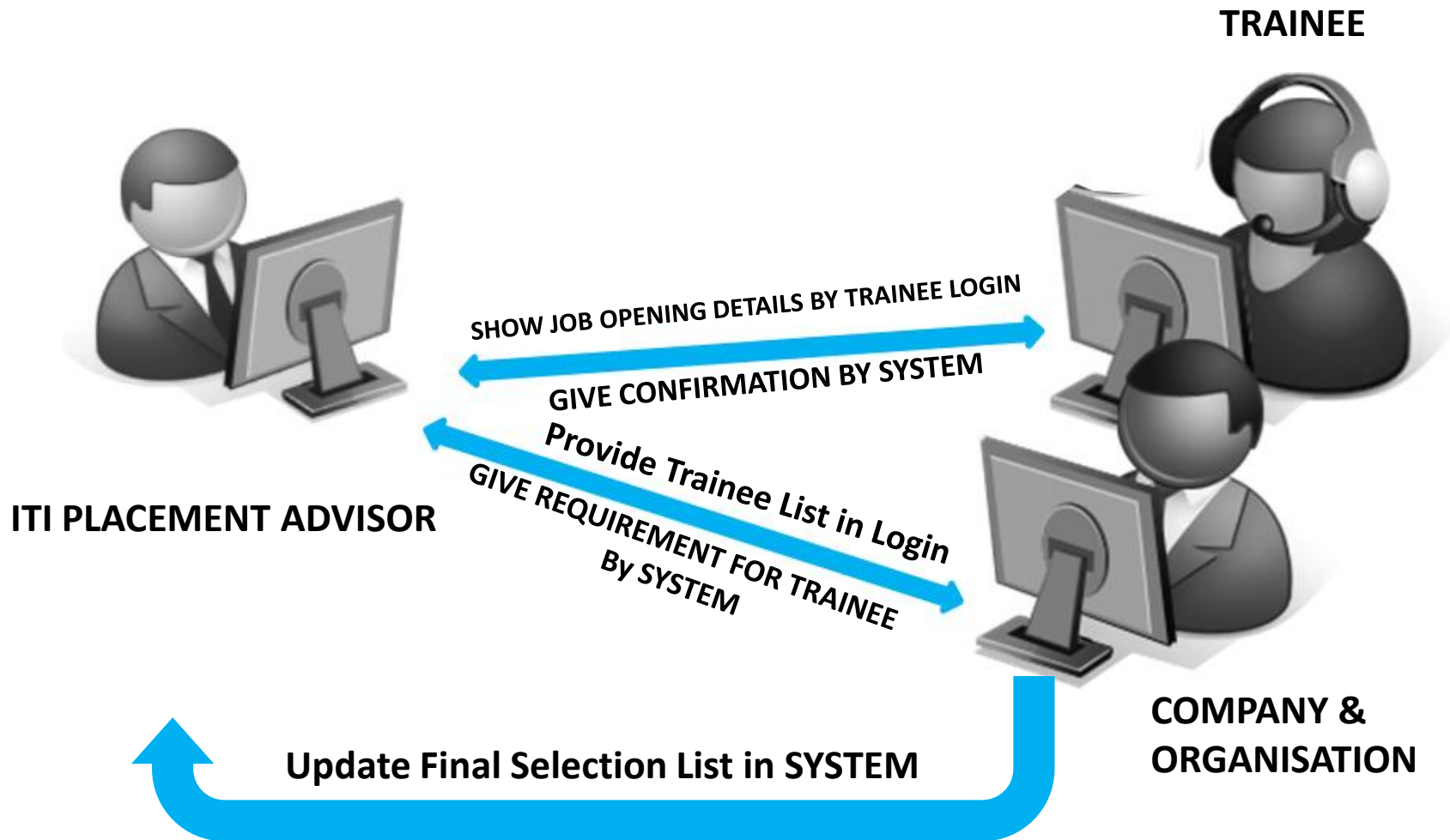
# System Technical Flow



# How system works?

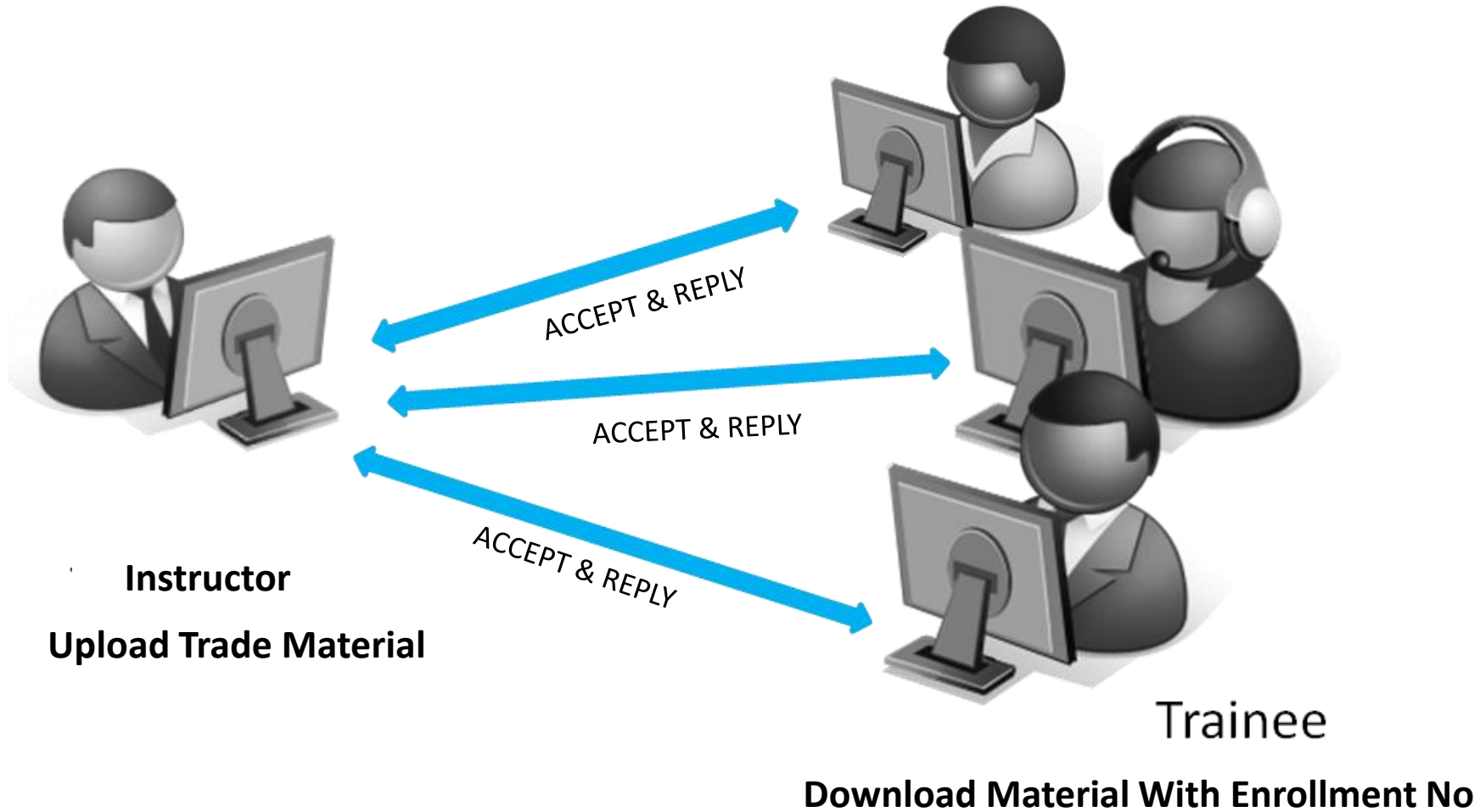


# Trainee Placement Modules



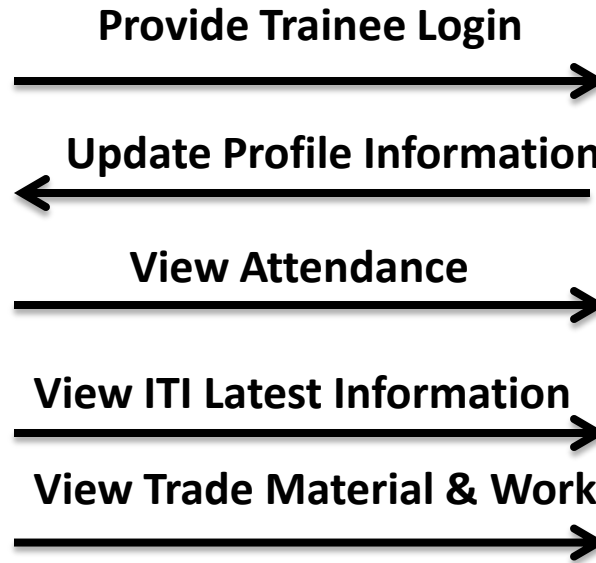


# Online Material & Work Sharing System



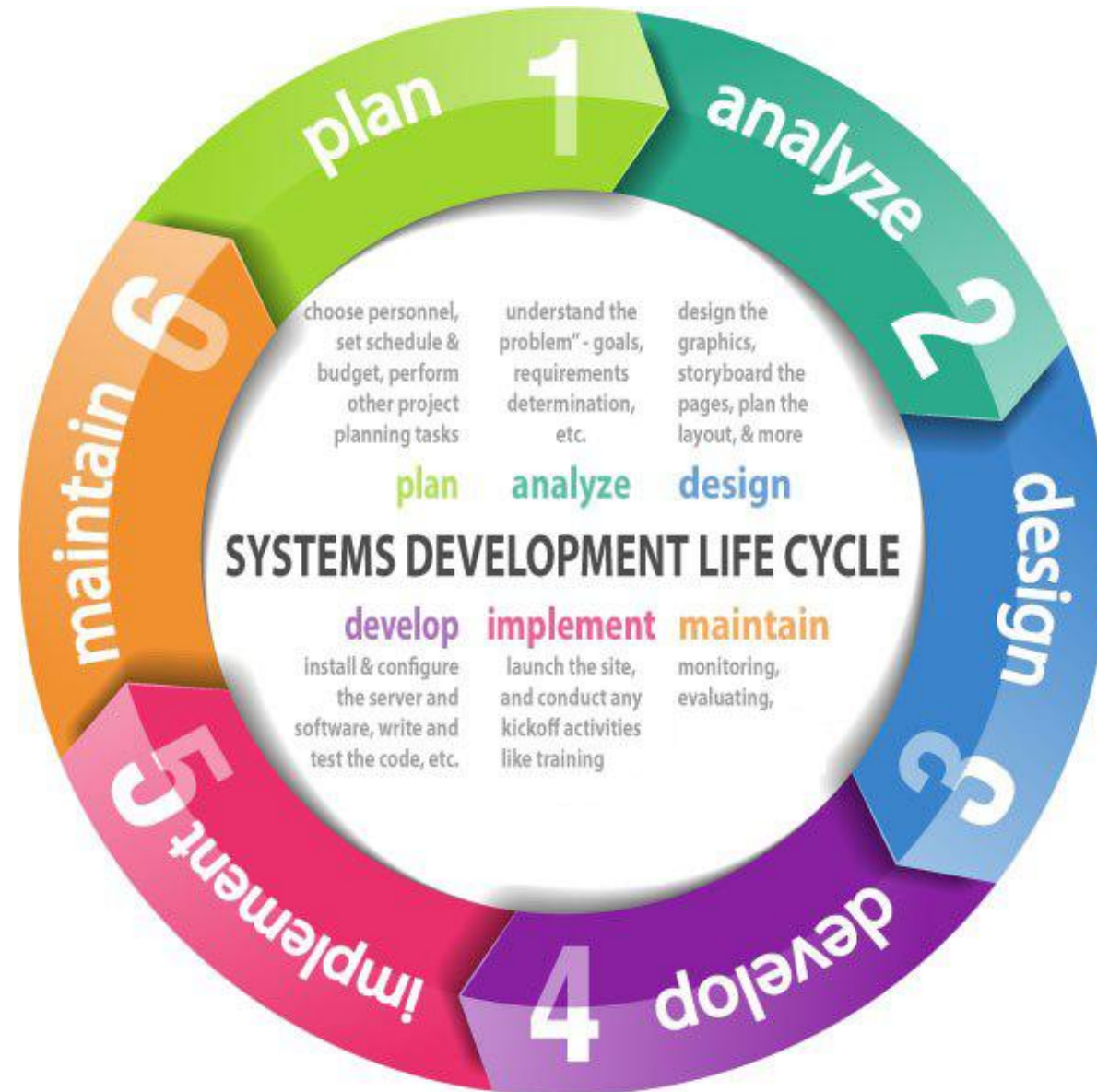


**ITI SYSTEM**



**TRAINEE**

# System Development Process



**Step 1:** Planning for System



**Step 2:** Analyze for System  
Verify & Approval by Department



**Step 3:** Paperwork Design



**Step 4:** Start Development Work



**Step 5:** Live Beta Version  
For Testing



**Step 6:** After Successful System  
Testing finally Live the System.



**Step 7:** System Support &  
Maintenance, Implementation.



**Step 8:** User Training

THANK  
YOU



**pCube** Software Solution  
PROGRAMMING - PROFESSIONALISM - PASSION