

**SOFTCRAYONS**  
Tech Solution Pvt. Ltd



### **Practical Training Program Branch - Ghaziabad, Noida**

- » Graphic Designing
- » Programming
  - Python - Java - PHP ++
  - C++ - C - Ruby On Rails
  - Perl
- » Web Designing
- » Networking - CCNA
  - CCNP- MCITP - MCSE
  - Hardware
- » CAD- CAM-CAE
  - Autocad for Civil
  - Autocad for Electrical
  - Autocad for Mechanical
  - Catia V5 / Staap PRO/
  - Revit / Revit Structure
  - Revet Architecture / Soliworks
  - PRO E / CREOC(Fr - Designers)
  - 3D Max / Inventor / Ansys / Vray
- » Digital Marketing
- » Android Application
- » Sap - ERP - ABAP
  - Erp Basis / Erp-Bi
  - Erp-Bo / CRM/ HR/HCM / MM
  - PP / Controlling / Hana / SCM
  - Finance
- » Software testing
  - Manual testing
  - Automation - testing
  - QTP - Selenium
- » MS Office
- » Tally With GST
- » 1 Angular Js / 2 Angular
  - 3 Angular / 4 Angular
- » Vmware

## **MANUAL TESTING**

### **A Professional Approach Manual Testing Tools**

#### **1 .Module**

##### **Testing Practice Overview**

- Testing Services Line Overview
- Software Organization Structure and Testing Goal

## 2 .Module

### Introduction to Software Application Testing

- Overview of software Application Testing
- Overview of SDLS [Software Development Life Cycle]
- Overview of Project Execution Lifecycle
- Overview of Project Lifecycle
- Terms used in software testing [Defect, Error, Bug, Failure etc...

## 3 .Module

### Models of software Engineering

- Waterfall Model
- Prototype model
- Spiral model
- Incremental Model
- RAD (Rapid Application Development)
- V Model

## 4 .Module

### Quality Management System

- What is Quality Management System and it's need
- What is Quality Assurance
- Review process and Types of Review Process
- What is quality Improvement
- Quality Management Life cycle
- Principals of Quality and Operational Excellence
- Quality Standard
- CMM
- ISO
- 6Sigma

## 5 .Module

### Software Testing Methodology

- White Box
- Black Box
- Grey Box

## 6 .Module

### Level of Testing

- Unit Testing
- Integration Testing

## 7 .Module

### System Testing

- UAT
- Testing Types
- Smoke Testing/Sanity Testing
- Functional Testing
- Integration Testing
- Functional/System Testing
- Re Testing
- Regression Testing
- User Acceptance Testing
- Alpha Testing
- Beta Testing
- Validation Testing
- Non Functional Testing
- Recovery Testing
- Browser Compatibility Testing
- Cross Browser Testing
- Multiple Browser Testing
- Performance Testing

- Load Testing
  - Stress Testing
  - Volume Testing
  - Security Testing
  - SOA testing
  - Mobile Testing
  - Adhoc and Exploratory testing
  - Web Application Testing
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- Accessibility Testing

## **Introduction of Different Estimation Technique and Reporting Templates**

### **8 .Module**

#### **Test Plan, Test Reports**

- Overview of Traceability Matrix and creation
- Overview of Test Metrics and its importance
- Test case writing
- Test case exhibition
- Bug Reporting

### **9 .Module**

#### **Agile Methodology**

- Introduction to Agile Methodology
- Scrum Process
- Meeting & Artifacts (Sprint, Sprint Burn down chart, Sprint Review etc...)

### **10 .Module**

#### **Practical Implementation**

#### **of Agile Introduction to**

#### **Agile Tool**

- How to create User Story
- How to Add Task
- How to Track Tasks
- Acceptance criteria of Task Order.
- Kanban Board

## 11 .Module

### • **Software Testing Lifecycle (STLC) Practical Introduction to Project (Lab Sessions)**

- Creation of use cases
- Creation of Test Plan
- Creation of Test Cases
- Implementation of testing optimization Techniques (ECP, BVA, Decision Table...)
- Review Of Test Cases
- Execution Of Test case
- Agile Tracking, Scrum Meeting and Daily Stand-ups
- Defect Reporting

## 12 .Module

### **OVERVIEW OF DOMAINS**

- Insurance
- Health Care
- General Banking Overview
- Basic understanding of Insurance Business
- Know Terminology used in Insurance
- Type of insurance
- Non life & life & General Insurance
- Introduction of Health care Domain
- Health care Terminology
- Health care work Flow
- Role of Bank
- Types of Banks
- Banking structure in India
- Service Offered by Bank
- Type of Cards
- Mobile Banking

### **Database Testing with SQL for Test Professionals**

## 13 .Module

### **Introduction**

- What is Database Application?
- Understanding data storage

- Back end & front end Testing
- General Database Basic
- Relationship Database Concepts

## **14 .Module**

### **Basic Sql :**

- Overview of DML, DDL, TCL
- DML : Insert, update, Delete, merge
- DDL : Create, Drop, Alter, Rename, Modify, Truncate
- TCL : Commit, Role Back, Save Point

## **15 .Module**

### **SQL Function:**

- Single Row Function/Multiple Row Function
- String Function, Number Function, Date and time Function, General Function
- Joining Tables:
- Obtaining data from multiple tables
- Types of joins : Inner joins, Non equate join, Cross join, Natural join, Left join, Right join, Full join

## **16 .Module**

### **Operators : (Data Using Group Function):**

- Arithmetic Operator
- Relational/Logical
- Like Operator

## **17 .Module**

### **Constraints & View**

- Not Null
- Unique
- Primary key
- Foreign key
- Check



**Get in Touch**  
**8545012345**

## Deployment

1. Deploying using Github
2. Angular2 Hosting Options
3. Hosting Angular App on cloud server Heroku

## Batch Timings –

Days	Class Duration	Course Duration
Monday-Friday	2 Hours	1 Month
Saturday & Sunday	3 Hours	1.5 Months
Sunday	4 Hours	2 Months

Regards,  
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