

# Live Projects

## Real time Implementation

### Manual Testing Process Implementation

- KT on STLC and Testing Process
- KT on Insurance / Banking Domain
- Requirement Analysis (BRS and FRS review)
- Test Scenarios Preparation
- Test Cases Preparation
- Test Data Preparation
- Traceability Matrix
- Build Deployment
- Conducting Build Acceptance Testing
- Conducting System Testing
  - Formal testing
  - Ad-hoc Testing
  - Re-testing
  - Regression Testing
  - End-to-End Testing
- Defect Tracking & Defect Reporting
- Status Reports (Daily and Weekly)
- Preparing Test Summary Reports and Test Closure

### Functional Automation Testing using QTP

- Introduction to Automation Testing
- Implementing QTP features on Project
  - Object identification
  - Creating Description Objects
  - Creating Environment Variables
  - Generating Test Scripts
  - Working with Actions
  - Working with Functions and procedures
  - Implementing Data-driven Testing
    - Spread Sheets
    - Flat Files
    - Databases
  - Implementing Recovery Scenarios
  - Error Handling
  - Implementing Generic Scripts
  - Working with Child Objects
  - QTP integration with QC
- In-depth VB Script

- Advanced Descriptive Programming
- Automation Test Plan
- Identifying Automation Test Scenarios
- Preparing Basic Test Scripts
- Enhancing Test Scripts
- Implementing Data-driven Framework
- Implementing Keyword Driven Framework
- Debugging Test Scripts
- Running Test Scripts and Analysing the Results
- Bug Reporting
- Automation Test Closure

### Test Management using Quality Center

- Defining Requirements
- Uploading Test Cases into QC
- Requirements and Test cases mapping
- Preparing Tractability Reports
- Defect Reporting and Defect Tracking
- Preparation of Test Summary Reports
- Uploading & Managing all automated Test resources in QC
- Uploading Automated Test scripts in QC
- Executing Automated Tests from QC

### Database Testing

- Introduction to Database Testing
- Database Testing approach
- Introduction to Basic SQL
- Preparing database Test cases
- Conducting Database Testing