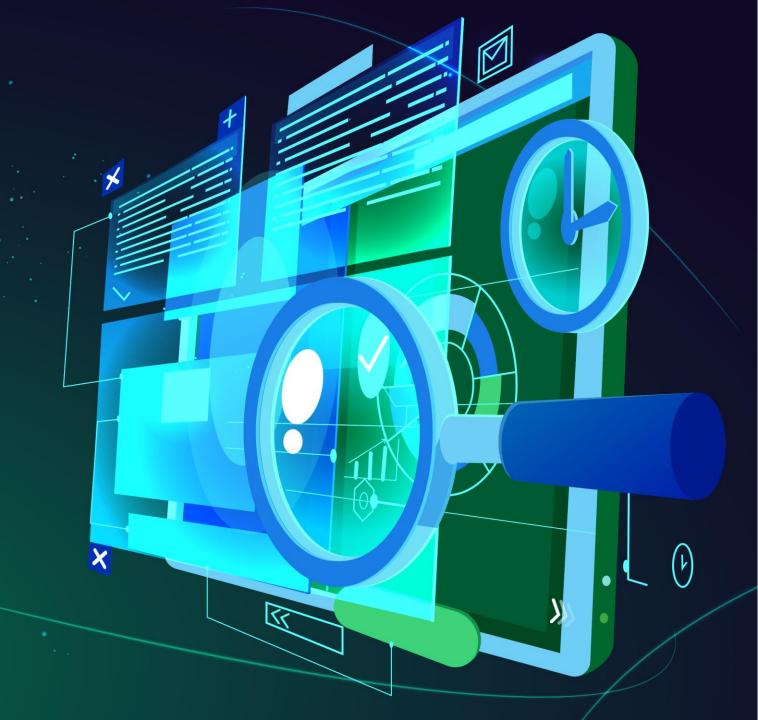


# SOFTWARE TESTING

TO ENSURE PRODUCT QUALITY AND OPTIMIZE EXELLENCE



# WHO WE ARE

As a leading provider of software testing consulting, training and implementing,

CO-WELL Asia is confident to bring a wide range of high quality services to our customers



10+ years in software development and testing



450+ employees



120+
Testing specialists



200+
Software
development & testing
projects undertaken





# WHAT WE OFFER





**02** Quality Assurance



03 Consulting and Training



**04** Testing Tools and Project Management Tools





**Website Testing** 



**API Testing** 



**Automation Testing** 





**Batch Testing** 



**Data Migration Testing** 



**Desktop Application Testing** 



**Web Service Testing** 



**E-Commerce Testing** 

**TESTING PHRASES THAT CO-WELL PROVIDES SERVICE** 

- Integration Test
- System Test
- Acceptance Test

SOFTWARE TESTING PROCESS

Create test plan

Analyze requirement

Design test document

Review test document

Prepare test environment

Perform Test

Evaluate test result Make test result report

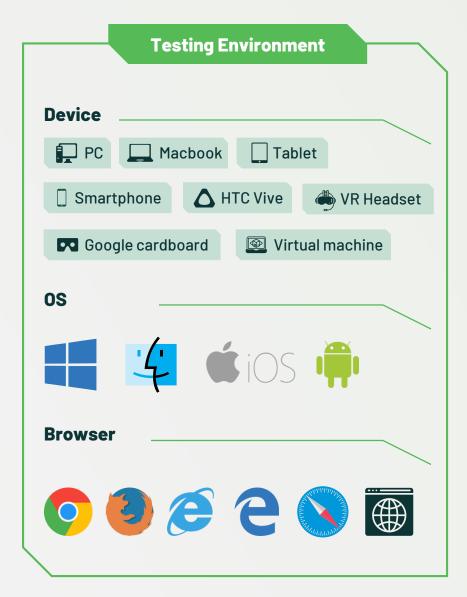
Use tools as customer requirement

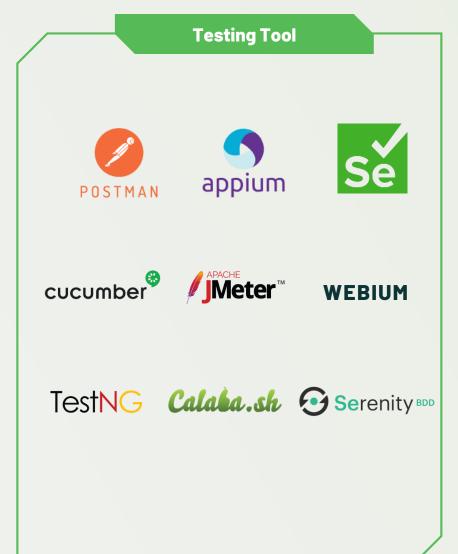
Manage test progress and report

Regular meetings

05

# TESTING TOOLS AND ENVIRONMENT







# WHAT WE DID?



E-Commerce **Website Testing** 

Carried out testing for e-commerce website built on Magento platform with main functions: product management, store management, shipping management, warehouse management, online payment management,...



**Automation** 

Used automation testing tools to support the creation of test data (shops) products, order data, etc.). Besides, developed testing tools to automatically compare data related to purchasing and paying functions before release



**Data Migration** Testing

Carried out testing for data migration from legacy system to new system

**CASE STUDY** 





Performance Testing

Carried out testing in the condition that many purchases and payment for multiple products are made at the same time. Carried out performance evaluation and analysis on each browser and in each manipulation: add more products to cart, check out, etc.



Scope: 1,200 man-month



**Time**: 2 years



Resource: 1PM, 7 Test Leaders, 30+ Members



**Project Model:** Agile & Scrum

# WHAT WE

Carried out frontend & backend testing for e-commerce website with functions as follows: Wholesale and retail at different distributors management, User information management, etc.

**E-Commerce Website Testing** 

Carried out testing for application with functions as follows: QR code scanning, Car information, customer information management, valuation results management, etc.,

Mobile **Application Testing** 



The system includes many APIs of data retrieving and sending. We performed testing for data retrieval from systems at branches around the world Testing 💝

Performed batch testing for systems containing lots of batch data for different purposes: Data recovery, Email sending, Sales price calculation, etc.

Batch Testing (S) BHT



Created automated test scenarios for car evaluation using Calabash tool and carried out performance tests for the evaluation process **Automation** 



Scope: 1,800 man-month



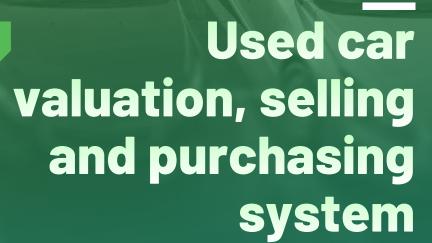
**Time**: 4 years



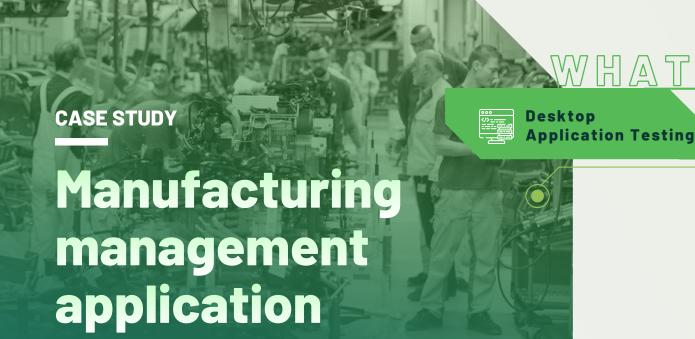
Resource: 6 Test Leaders, 15+ Members



**Project Model:** Agile & Scrum



CASE STUD'



Customer's system was migrated using another programming language. We carried out testing to guarantee all the functions of the new system operate smoothly

Scope: 70 man-month

Resource: 1 Test Leader,

5 Members

Time: 6 months



**Project Model:** Agile & Scrum

Carried out testing for application with functions as follows: Checking CD/DVD information and availability status, Receiving discount voucher, etc.

**Application Testing** 



Resource: 1 Test Leader,

6 Members



**Time**: 3 years



**Project Model:** 

Agile & Scrum









Adjusting to have the most proper process



Providing documents, templates and instructions

Reminding team to comply with the process



Checking and evaluating process implementation



### Tools developed by CO-WELL Asia



- Automated test case creating - extracting managing system
- Save 20% of testing case creating time



- Automation testing tools
- Built on Selenium
- Easy to use, no programming skill required
- **Save 30%** of implementation time
- Easily and quickly implementing, tracking test results, finding bugs
- For web apps on different browsers:











- Project management tool
- Save time and resources for project management



### **Quality Assurance Solution and Consultation Service**

## Service



Building, implementing, monitoring and evaluating process



Developing software testing strategy



Improving Quality
Assurance
process



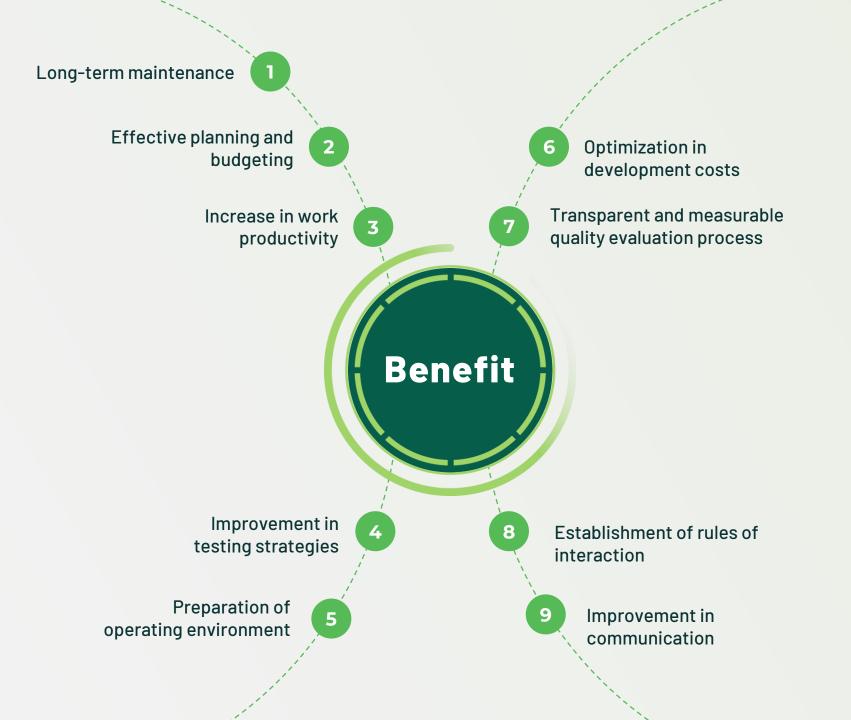
Building automation strategy

# Who needs the service

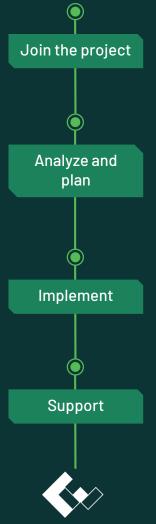
- **01.** Lacking quality assurance process
- **12** Expanding business
- ng Increasing workload
- **14** Decreasing work efficiency



- **05.** Finding ways to streamline quality assurance methods
- **06.** Finding ways to reduce costs
- **07.** Planning to get certificates



# Consulting process



## **Training Programs**

# 01. SOFTWARE TESTING FOR BEGINNERS

Participant:

Beginners with little or no knowledge of performance/load testing

**Objective:** 

After the course, participants will be able to:

- Understand the basics of performance/load testing and JMeter
- Analyze performance reports

Requirement:

Fresh graduate or pre-graduate

**Duration:** 36 hours





**02.** JMETER TRAINING

**Participant:** 

People with little or no knowledge of performance testing and load testing

**Objective:** 

After the course, students will be able to:

- Understand the basics of JMeter
- Analyze performance reports

**Requirement:** 

Have knowledge of HTML, XML, HTTP and SQL

**Duration:** 40 hours

### **Training Programs**

# 03. SELENIUM TRAINING FOR NON-DEVELOPERS

Participant: Non-developers

**Objective:** 

After the course, students will be able to:

- Understand the work of automation testing
- Use Selenium with Java programming language to perform automation testing

Requirement Have knowledge of HTML, XML, HTTP and SQL

**Duration** 120 hours





# 04. SELENIUM TRAINING FOR DEVELOPERS

**Participant** 

People having experience in programming, but little or no knowledge of automation testing

**Objective:** 

After the course, students will be able to:

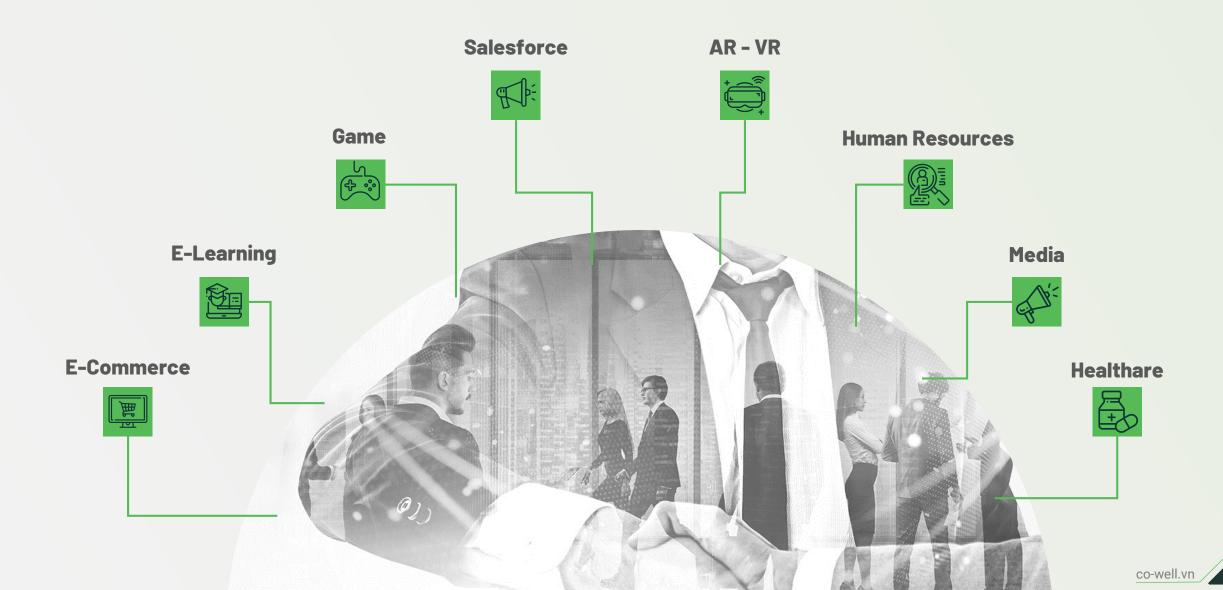
- Understand the work of automation testing
- Use Selenium with Java programming language to perform automation testing

Requirement Have knowledge of HTML, XML, HTTP and SQL

**Duration** 80 hours

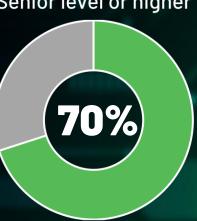


# **INDUSTRIES**

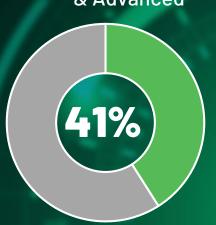


## HIGH-QUALITY TESTING SPECIALISTS •

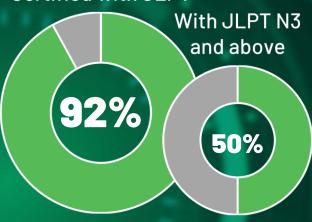
Senior level or higher



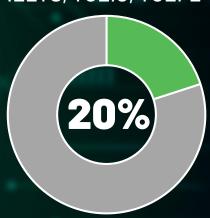
With ISTQB Foundation & Advanced



Certified with JLPT



Certified with IELTS, TOEIC, TOEFL



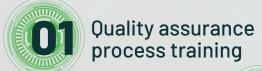
Other certificates:





# **INTERNAL TRAINING COURSES**







Jmeter, Selenium training







## **OUR CLIENTS**

#### WEB & APP DEVELOPMENT



































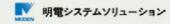
#### **BUSINESS SOLUTIONS**













#### **CLOUD INTEGRATION**















**SOFTWARE TESTING** 











AR - VR DEVELOPMENT



#### **CO-WELL ASIA**

#### Vietnam Headquarter

1st Floor, 3D Vietnam Creative Center Building, 3 Duy Tan Street, Cau Giay District, Hanoi, Vietnam

TEL: (+84) 24 3795 0983 EMAIL: sales@co-well.vn

#### **Da Nang Branch**

4th Floor, V-StartUp Office, F-Home Building, 16 Ly Thuong Kiet Street, Hai Chau District, Da Nang, Vietnam

TEL: (+84) 23 6627 2468



### **CO-WELL CO.,LTD**

#### Japan Headquarter

〒140-0002 8th Floor, T Building, 2-2-28, Higashishinagawa, Shinagawa, Tokyo, Japan

TEL: (+81) 3 5783 4511

#### **Miyazaki Solution Center**

5 Floor, Aqua Miyazaki Building, 2-4-20 Tachibana Dori Nishi, Miyazaki City, Miyazaki Prefecture

TEL: (+81) 9 8578 4511

