

Date	19.8.2020
Type of interview	Single Interview (Online)
REF ID :	AT2
Case ID	C1

First section : General Demographic information

- 1. What is (are) your current position(s)?**
QA group manager
- 2. How many years of work experience do you have in IT and software development industries?**
10 years
- 3. How many years of work experience do you have in software testing, in specific?**
10 years
- 4. What type of business is it ?**
Network , driver wife , data transmission technology
- 5. What is your highest academic degree?**
Bachelor (Computer engineer)
- 6. What is the size of your company (number of employees)?**
330
- 7. How many team members are working on a single project?**
6 team leaders , under each team 5-6 people .

RQ1: To what extent do testing approaches influence the success rates of outsourced projects?

1. What is the nature of outsourced software projects in this company ?

Projects related to network , Driver ,servers for all teams .

2. What are the testing requirements/expectations by the customer/ client ?

Firstly, requirements come from the customer through product manager as features. Also, Teams should have equipment, environment the same as the customer environment. Sometimes we provide some features which are suitable, especially if it's not working and damaged.

3. Is there any standard/formal testing requirements asked by the customer ?

There are some common tests we follow , such as sanity. Teams decide about Methodology that we follow . Further, Ratio of testers and developers should be 1:2

4. Can poor/inadequate testing processes jeopardize project success ?

Of course , there should be approval from QA teams and QA should do a full process . QA is important the same as development . Moreover Test engineer skills are so important and imagination. understands requirements and how to write scenarios and also corner cases.

RQ2: What are the currently applied testing methods and how effective they are?

1. What are the processes in the software testing phase ?

We follow Agile methodology in our projects , the process are like this :

Features come from customers, then team understand features then design engineers write test cases. Review tests and filtering tests. Decide if tests are manual or automation and sanity tests . Then All of the tests should be executed . we give Priority for tests and we do good documented reports , weekly report , scrum meeting daily

2. What are the methods that are applied in the Software testing phase in your teams ?

- Blackbox
 - Manual tests
 - Sanity tests
 - Performance tests
 - Stress tests
- Automation tests

- Security tests
 - Code review for automation .
- 3. Which test frameworks/tools do you use in your company ? (explain)**
- Test Plan : HPalm in the past testlink
 - Bug tracking :Redmine
 - Communication : Slack , MS teams , skype for business
 - Builtin system : weekinox
- 4. Which test automated frameworks/tools do you use in your company? (explain)**
- Inhouse framework builtin python
 - UI angular php laravel
 - Selenium java one team
- 5. What are the prevention techniques you use to enhance team quality ?**
- We have many methods to prevent such as brainstorming between teams and more meetings . Also, conduct more training, investment for training especially techniques .
- QA depends on coding Skills and thinks like a developer . Any testers try to reduce missing scenario cases and unclear requirements . we care about if the customer has a complicated setup . Further, its problem if response is slow from developers due to be busy all of time .

RQ3: To what extent do graduates of local universities possess the required knowledge in software testing techniques?

- 1. Do the Students Who come from university have good skill or knowledge of software testing ? (explain)**
- No , Students are weak , and students don't understand the principle of testing . Some students also don't give good values for the testing phase .
- 2. Does your organization have a training program ? Are there any challenges for providing software testing training ?**
- Yes , there are training programs. Students who come from university have zero experience, so they need time to give them and show them testing principles . Training practical tasks 1-2 month
- 3. Are there any special courses in university software testers should take ?**
- No, students should take Package of courses which talk about the principles of testing , automation.

4. Do you have any recommendations for the future testers?

I have some recommendations such as understanding course testing , and responsibility for tests engineers . Don't hear people say that the value of testing is less than development . Testing is a good path and not easy and you need to be smart to do it . More training and testing online courses due to lack and gap of testing.