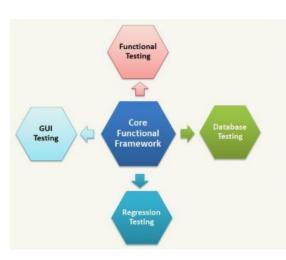
# Quality Assurance TRAINING

Manual QA



# **Functional Testing**



#### **Functional Testing**

Functional testing is neither automated nor subjective. It consists of using an interactive product in development as a typical user would and reporting the bugs found in a clear and concise manner for the programmer to be able to fix them quickly and effectively.

It is basically a testing service meant to confirm that your interactive project "works" as intended, for those times when your boss or client is repeatedly asking you "can we push it live, yet?"



# **Compatibility Testing**



#### **Compatibility Testing**

Compatibility testing consists of testing your interactive project on a number of platforms to ensure that it behaves as expected in all of today's popular browsers and operating systems.

Whether you need your web site tested in multiple versions of Internet Explorer, or you are struggling with compatibility issues between Android devices, we got you covered!



# **Exploratory Testing**



#### **Exploratory Testing**

Exploratory testing is unscripted. It relies on a tester's best judgment to navigate an interactive product and assess what should be the expected behavior. Often, exploratory testing comes naturally to testers while on an assignment.

Exploratory testing is best when combined with design testing. Typically, a tester will work according to a test plan, and "wander off" to further explore a possible defect.



# **Integration Testing**



#### **Integration Testing**

Integration testing (sometimes called integration and testing, abbreviated I&T) is the phase in software testing in which individual software modules are combined and tested as a group. It occurs after unit-testing and before validation testing.

Even a small change in the code can have a huge ripple-effect. These are usually unforeseen by the developer and are always an annoying headache. This is where integration testing comes in. We'll make sure, through integration testing, that all the parts of your code play nice with each other. With every changed or added feature and/or module, we perform an acceptance integration test to verify that nothing else gets broken in the process.



# Design / Comparative Testing



#### Design / Comparative Testing

Design testing consists of comparing your project's design documents with the end product. Inevitably, this type of testing is combined with functional and exploratory testing.

Although it requires an upfront investment of time from the tester to read your documentation before he can begin his tests, this is probably the most useful type of testing for companies who are eager to get their product out the door as fast as possible.



### **Beta Testing**



#### Beta Testing

Beta testing is quite popular in the video games community. It offers die-hard fans the opportunity to get a glimpse of a product in development, and a development team an opportunity to see how the server structure reacts to a huge influx of players connected all at once.

While beta testing is at times considered a promotional stunt, it is also a chance to uncover remaining issues before a product becomes available to the general public and as such, having a experienced group of testers thoroughly explore every angle of your project is very valuable.



## **User Acceptance Testing**



#### **User Acceptance Testing**

User Acceptance Testing (UAT) is one sure way to reduce or eliminate change requests, and drastically reduce project costs.

UAT is a form of acceptance testing that tests from the point of view of the customers that your product is intended for. UAT is very important for every product because it is a real-world test that directly influences the design of the product to better suit your customer's experience.



# **Usability Testing**



#### **Usability Testing**

"Usability testing is a technique used in user-centered interaction design to evaluate a product by testing it on users. This can be seen as an irreplaceable usability practice, since it gives direct input on how real users use the system."

Usability testing is arguably the most important facet of QA. These tests provide incredibly valuable feedback on how the product is used. Functional flow, UI elements, and system performance are all parts of usability testing and add to the design and efficiency of the product.



### **Smoke Testing**



#### **Smoke Testing**

"Smoke testing (also confidence testing, sanity testing) is preliminary testing to reveal simple failures severe enough to reject a prospective software release."

Originally named after a quick preliminary test of electrical equipment (testing if the equipment starts smoking/catches fire), in QA this is an early or even first test of software to check for obvious severe errors. Normally this test is performed by programmers, but this is not always the case. Our engineers will perform a smoke test at the beginning of a test cycle (to catch obvious bugs), and at the end of the cycle as a sanity test.



# Regression Testing



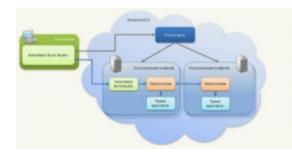
#### **Regression Testing**

"Regression testing is a type of software testing that seeks to uncover new software bugs, or regressions, in existing functional and non-functional areas of a system after changes such as enhancements, patches or configuration changes, have been made to them."

With every new build, we run a comprehensive regression test to retest bugs that were fixed and to find newly introduced bugs.



### **Automation Testing**

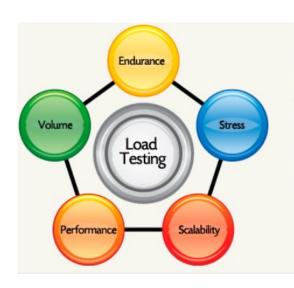


#### **Automation Testing**

We write re-runnable test scripts using a variety of frameworks in a variety of languages, get them into a testing environment (we like Sauce Labs, but take your pick), and we hook up to a continuous integration server (use yours or we'll configure a hosted one for you), and you'll see your fresh test scripts running against your staging or production system. This can be done as many times as you require.



### **Load Testing**



#### **Load Testing**

Tool makers make load testing sound easy. Conceptually, it is. In practice, it's not. If you're about to go live with a website or release an enterprise application that must serve thousands of users, or process billions of transactions, you need to know that your system can handle that load.

QAUBER engineers know all of the available load testing tools and techniques. We know their strengths and their weaknesses. We know which one(s) are best suited to any situation. And we know (from hard-earned experience) the potential pitfalls.



# Test Planning / Design

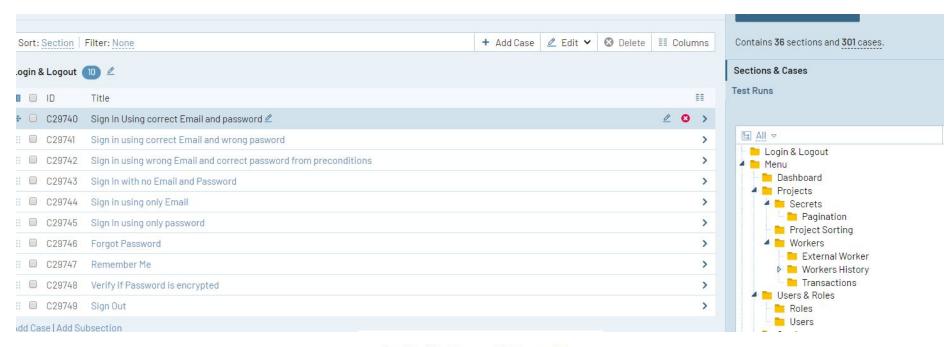


#### Test Plan Design

Providing a test plan is the best way to tap into the maximum potential of on-demand, crowd-sourced, or other models of testing. The tester assigned to your project performs EXACTLY the tests that you need him to do. We simply need your design documents, and one of our experts will get to work. Test plans are usually built in Excel.



# Test Case creation (TestRail)



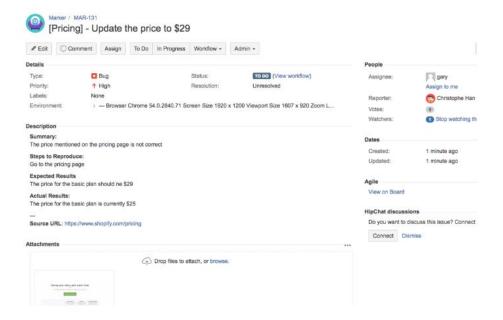


#### **Test Case Execution**



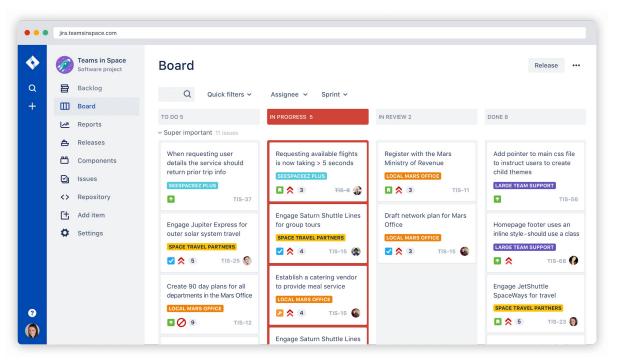


# Bug Report (Jira)



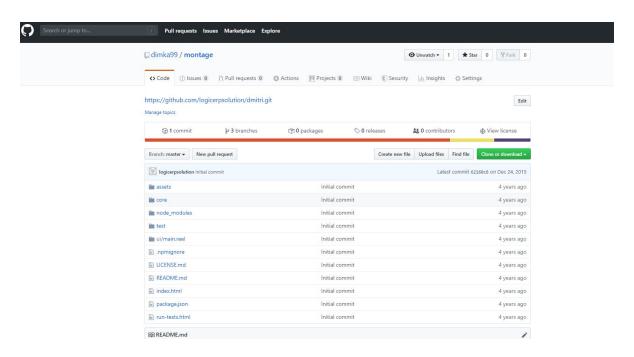


# Agile Board (Jira)





# Source Control (GIT)





### Resume Preparation

#### **James Williams**

Phone: (555)734-9006 Home: 1852 Taylor Street, Atlanta, GA 30344 Email: Example@gmail.com

Detail-oriented medical assistant, experienced with day-to-day operational and logistical needs of medical practice, including: receiving and checking in patients, booking appointments, maintaining supplies and performing sterilization of examination rooms. Identifies doctor and nurse needs, communicates directly with patients, and performs basic nursing procedures as

#### Work Experience

Atlanta Family Care, Atlanta, GA

- · Arranged transfers and referrals to other doctors, hospitals, psychologists and rehabilitation clinics. . Explained policies and procedures in layman's terms before starting treatment.
- . Weighed, measured and recorded vital signs, including temperature and blood pressure
- Documented symptoms, medical histories and current medications.
- Answered telephones and directed calls to appropriate physicians, clerks, accountants, insurers and support staff. . Greeted all visitors in a warm yet professional manner.
- . Secured patient information and maintained patient confidence by completing and safeguarding medical records.
- . Scheduled patient procedures and testing correctly and to the doctor and patient's specifications

#### Dr. Mark Snyder and Associates, Atlanta, GA

- Assisted Doctor with surgeries and non-invasive procedures. . Ordered X-rays, MRI's, CT scans and standard laboratory tests when appropriate.
- Practiced triage with full waiting rooms, prioritizing the treatment of the most critically ill and injured.
- Sanitized appointment rooms between each patient in accordance with health and safety protocols
- · Performed light cleaning duties around the clinic, including sweeping, mopping, emptying wastebaskets and sanitizing surfaces.
- . Handled physician appointment books, rearranging their schedules and penciling in breaks, vacations, meetings and shift changes as necessary.

#### Genevia HealthCare, Atlanta, GA

- · Prepared daily sick call lists for medical, nursing and labs.
- . Prepared and ensured patient health records were prepared and available for patient appointments. Performed wound care treatment as ordered by providers.
- · Monitored expiration of medical supplies and medications
- · Explained to patients the various warnings, side effects and dosage requirements of their prescriptions. Mastered bookkeeping software for long-term expenditure tracking.

#### Education

Certification in Medical Assisting

Bachelor's in Human Services



# **Interview Preparation**





#### References





# Thank you Good Luck and Keep in touch



