**Istqb foundation**

**Cucumber** – Features/unit tests. Cucumber Testing focuses on end-user experience. BDD tool. Whatever you write must go into Given-When-Then steps. **Given** a net banking app is authorised, **when** I shall transfer, **then** amount must be transferred and logged. Creates stubs from your given when then stories which act as a code base for your selenium scripts.

**Selenium –** Automated test scripts**.** Functional and performance test tool.portable and popular open source software testing framework, restricted to web applications. Playback tool for authoring tests without test scripting language. Uses Selenese test scripting language to allow tests for languages including Java, Python, PHP, C# and can run against new web browsers. No native support for test reports so TestNG is used for this.

Runs acceptance tests through chrome headless browser.

**Tell us about yourself?**

* Enthusiastic to learn, expand my knowledge and grow as a consultant
* Energetic and enjoy challenges, strategy games such as chess reflects my passion to solve problems overcome challenges.

**What do you know about IBM?**

* Global Company. Provide hardware, software (cloud, block chain, machine learning, AI) , consultants (updating legacy and outdated services), hosting, research (most us patents record), Watson, deep blue
* Projects they work on
* Roles, career development, exciting oppourtunity I’d like to be part of

**Why do you want to be a tester?**

* Be able to modernise legacy databases and provide vital service
* Responsibility to maintain an important code base for sensitive information
* Good location - Family, friends living in London

**Testing activities**

* Communicating with dev ops and developers, sending clear test reports
* Act on user stories, keep software working seamlessly for users and stakeholders, find failures,
* Preventing defects at component level from escaping to higher test levels with automated component regression tests
* Acceptance testing - Establishing confidence in the quality of the system as a whole, user acceptance testing, alpha/beta testing

**Tester characteristics**

Quality assurance, attention to detail, analytical, technical capabilities, gatekeeper to quality of software

**Strengths** – enthusiasm (arriving on time with a good attitude), eager to learn (asking for feedback and acting on it, understanding areas for improvement, building foundational knowledge i.e domain knowledge), attention to detail, quality assurance,

Concern for end user experience

**agile**

iterative development in contrast to waterfall methodology

focus on customer satisfaction throughout project

**scrum**

daily scrum stand up meetings

face to face

self organising teams

**Scrum team –** Short iteration periods with small features implementations **experience** working in agile methodology

**National law enforcement data protection NLEDP**

* Merging police national computer and police national database into NLEDS (National Law Enforcement Data Service) integrated solution by updating legacy software with cloud storage and security.
* £54m spent in 2016/17, plans to run until 2022/23. others groups but ibm seems to have largest consultant share.
* Automatic number plate recognition integrated into database

**BDD**

* process of approaching your design and forcing you to think about the desired outcome and API before you code,
* deliberate discovery – example mapping in cucumber to find weak points before the development starts
* unit tests, integration tests, acceptance tests (selenium).

**Technologies -**  Cloud Database, Amazon Web Service, Java, Angular, React

**Final Questions?**

* Various documentation on NLEDP is dated to 2018, what progress has been made on the project and where is it up to now?
* What about my CV was attractive to you when selected me?

**Information about the role**

* Will the technology stack depend on which scrum group I’m assigned to?
* What does the scope of the implementation of the project include? (A website, updated cloud database etc)
* How long is test cycle
* How large are test packs
* Testing team size
* Are test findings and reports presented to developer or clients
* Career progression is important. Turnaround time for going from junior to senior or test lead?