1. 1. Since we only have time for 200 tests out of 2000, I will choose the importance of functionality. First, I will review the requirements for the application and define the main functions, sign for test cases and test. The new functionality: created a new attribute to search for products

* Check all search locations
* Check all possible combinations.
* Check for correct characters.
* Impact analysis

|  |  |  |  |
| --- | --- | --- | --- |
| **User stories** | **Component** | **Complexity** | **Weight** |
| Us1 | Cases | L | 9 |
| Us2 | Quick Reports | S | 4 |
| Us3 | Integration with other systems | L | 9 |
| Us4 | Notifications | M | 5 |
| Us5 | Requests | M | 5 |
| Us6 | Project management | L | 9 |

* Risk analysis

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | risk | severity | likelyhood | impact | mitigation | contingency |
| 1 | A smoke test is failed | 4 | 0.7 | 1.6 | Introduce unit tests | Critical defect, reassembly build |
| 2 | Critical defect in the new functional | 2 | 0.6 | 06 | Developers testing yourself before send in testing | Critical bugs reporting directly developer |
| 3 | Internationalization testing is failed | 1 | 0.5 | 1 | Make a report and send developer | Directly developer |

**risk** - само название риска

**severity** - его критичность. от 1 до 5, 5 - самый важный

**likelyhood** - вероятность наступления риска

**impact** - степень влияния, произведение severity и likelyhood

**mitigation** - что мы можем сделать, чтобы риск не реализовался?

**contingency** - вот блин, риск наступил, что теперь делать?

* Critical users scenarios

Create end2end scenarios this is where testing anything app or website from the beginning to the end. Example:

* Open site
* Authorization
* Choose search
* Found need products
* Add to the basket
* Check out

*How is re-testing different from regression testing?*

Regression testing - carried out on the basis of requirements project and availability resources (closed auto testing). Performed at any modification or change in an existing project.

Re-testing – carried before sanity testing. Priority re-testing allow regression checks, should be carrying before regression. Re-testing – is carried out on the corrected build with using the same data, on the same environment, but with different set input data.