Task #1

Create a risk matrix for testing on a project (see the given project description below)

Insurance company from USA builds a risk-assessment system for analytics team. Epam helps Team composition: 1 PM (B3 onsite), 1 BA (A2 onsite), 1 Key Dev (D3), 5 Devs (D1), 1 QA (L2), 1DQE (L1). Estimated project deadline is June 1, 2023 and is related to org changes in the customer Analytics team.

Matrix:

|  |  |  |  |
| --- | --- | --- | --- |
| Impact  Probability | High | Medium | Low |
| High | 1. Technical issues with the risk-assessment system 2. Changes in customer requirements during implementation. | 1. Delays due to org changes in customer Analytics team | 1. Insufficient immersion in the product and subject area. |
| Medium | 1. Insufficient testing coverage (devs more than testers, not enough time for testers)  2. Resources from USA unavailability | 1. Communication gaps between team members 2. Not enougph skills in the test strategy and test plan creation. The tester has little experience. | 1. Lack of knowledge transfer to the customer's Analytics team |
| Low | 1. Lack of understanding of customer requirements 3. Incorrect assessment of labor costs. | 1. Dismissal/redeployment of people. | 1. Internet connection is lost. 2. Access accounts are expired. |

Task #2

You have issue tracker log / export file. “bond\_issue\_log.zip”

Please create metrics answering these questions:

1. What is the least reliable component of the system?
2. Is the situation improving over timeline?
3. What weeks were the most dynamic in testing/development?
4. What weeks were the most silent?
5. Suggest a threshold for bug quantity per week (take into consideration their severity)