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|  | | **«Login Page in Gmail» Project**  **Test Plan** |
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| **Background** | Estimations, schedule, strategy, and metrics are needed to organize the testing process efficiently. | |
| **Purpose** | To organize the testing process effective and efficient during the whole project period. | |
| **Scope** | Testing process description, metrics, schedule, resources. | |
| **Audience** | QA team | |

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The purpose of this Test Plan is to describe the process testing the login form on the Gmail.com page.

**Test object:** <https://gmail.com/>

**Project scope and main goals**

* Positive testing of the application (correct steps, correct data);
* Negative testing (implies the introduction of incorrect data).

**Test environment:**

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| --- | --- |
| **Browsers:** | Chrome |
| **Operating Systems:** | Windows 10, Windows 11 |

**Tested functionality of the site:**

The following site functionality will be tested:

* Login - priority high.

No load testing will be done in mind lack of necessary resources.

**Resources:**

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| **Hardware:** | Standard workstation (8GB RAM, i3 3GHz). |
| **Software:** | Windows 10 x64 |
| **Personnel:** | One Tester (100% workload during all project time).  Role: tester |
| **Time:** | 1 workweeks (40 work hours) |
| **Finances:** | according to the approved budget. |

**Testing process:**

For maximum test coverage, it is expected to draw up test cases.

**Criteria:**

* When entering incorrect data, the form should notify you of an input error;
* Upon entering the correct data, the user is redirected to the main page of Gmail.

**Schedule:**

* 17.10 – requirements testing and finalizing;
* 18.10-19.10 – test-cases and scripts for automated testing creation;
* 20.10-21.10 – main testing stage (test-cases execution, defect reports creation);
* 21.10 – testing finalization, reporting.

**Risk evaluation:**

* Personnel (low probability): if a QA engineer is not available, he can be replaced from another team.
* Time (high probability): The customer has specified a deadline of 10/21, so time is a critical resource. We recommend doing your best to complete testing by October 20th so that one day (October 21st) remains available for any unforeseen issues.
* Other risks: No other specific risks identified.

**Documentation**

* Test Plan. Responsible person - tester, deadline - 17.10;
* Test cases and defect reports. Responsible - tester, creation period - 10/18-21/10;
* Report on test results. Responsible person - tester, deadline - 21.10.