**Functional & Performance Testing Template**

**Model Performance Test**

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| **DATE** | **26-06-25** |
| **TEAM ID** | **LTVIP2025TMID32045** |
| **PROJECT NAME** | **EDUTUTOR AI:Personalized Learning with Generative AI nad LMS Integration.** |
| **MAXIMUM MARKS** |  |

**Test Scenarios & Results**

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Scenario (What to test)** | **Test Steps (How to test)** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **FT-01** | Text Input Validation (e.g., topic, job title) | Enter valid and invalid text in input fields | Valid inputs accepted, errors for invalid inputs | https://lh7-rt.googleusercontent.com/docsz/AD_4nXfa3XcKExb218VJRj7FQcvxkrVuUXBY-65u75GJw4vUuIgkiIvceoobTLcxuZXnz65RWUT_SbOcp7WUGwqR__GSQDDDJ3nY4_0SIule_Op_UQPQ_nlzj2OFDvm0BNGfTuXR6Glhg_om7uXIwfeX0Q?key=0WnfJkxPLlrqspcJBQn8PFsK | https://lh7-rt.googleusercontent.com/docsz/AD_4nXcHuP6k7GVFn1VkZO3HTC9BoOPwFthgz910qrdXM13CKo3qJoxXg5SJAHal0MaDS_qajqv2oNkUTuuVtaqCOJ6GGzi3ghcHdxu3Qe-2dXE2-R01KvJuWNvKlbEsogaVVWWctt-5mxMsdpcWcWJXSv0?key=0WnfJkxPLlrqspcJBQn8PFsK |
| **FT-02** | Number Input Validation (e.g., word count, size, rooms) | Enter numbers within and outside the valid range | Accepts valid values, shows error for out-of-range | https://lh7-rt.googleusercontent.com/docsz/AD_4nXfa3XcKExb218VJRj7FQcvxkrVuUXBY-65u75GJw4vUuIgkiIvceoobTLcxuZXnz65RWUT_SbOcp7WUGwqR__GSQDDDJ3nY4_0SIule_Op_UQPQ_nlzj2OFDvm0BNGfTuXR6Glhg_om7uXIwfeX0Q?key=0WnfJkxPLlrqspcJBQn8PFsK | https://lh7-rt.googleusercontent.com/docsz/AD_4nXfa3XcKExb218VJRj7FQcvxkrVuUXBY-65u75GJw4vUuIgkiIvceoobTLcxuZXnz65RWUT_SbOcp7WUGwqR__GSQDDDJ3nY4_0SIule_Op_UQPQ_nlzj2OFDvm0BNGfTuXR6Glhg_om7uXIwfeX0Q?key=0WnfJkxPLlrqspcJBQn8PFsK |
| **FT-03** | Content Generation (e.g., blog, resume, design idea) | Provide complete inputs and click "Generate" | Correct content is generated based on input | https://lh7-rt.googleusercontent.com/docsz/AD_4nXfa3XcKExb218VJRj7FQcvxkrVuUXBY-65u75GJw4vUuIgkiIvceoobTLcxuZXnz65RWUT_SbOcp7WUGwqR__GSQDDDJ3nY4_0SIule_Op_UQPQ_nlzj2OFDvm0BNGfTuXR6Glhg_om7uXIwfeX0Q?key=0WnfJkxPLlrqspcJBQn8PFsK | https://lh7-rt.googleusercontent.com/docsz/AD_4nXfa3XcKExb218VJRj7FQcvxkrVuUXBY-65u75GJw4vUuIgkiIvceoobTLcxuZXnz65RWUT_SbOcp7WUGwqR__GSQDDDJ3nY4_0SIule_Op_UQPQ_nlzj2OFDvm0BNGfTuXR6Glhg_om7uXIwfeX0Q?key=0WnfJkxPLlrqspcJBQn8PFsK |
| **FT-04** | API Connection Check | Check if API key is correct and model responds | API responds successfully | https://lh7-rt.googleusercontent.com/docsz/AD_4nXcHuP6k7GVFn1VkZO3HTC9BoOPwFthgz910qrdXM13CKo3qJoxXg5SJAHal0MaDS_qajqv2oNkUTuuVtaqCOJ6GGzi3ghcHdxu3Qe-2dXE2-R01KvJuWNvKlbEsogaVVWWctt-5mxMsdpcWcWJXSv0?key=0WnfJkxPLlrqspcJBQn8PFsK | https://lh7-rt.googleusercontent.com/docsz/AD_4nXfa3XcKExb218VJRj7FQcvxkrVuUXBY-65u75GJw4vUuIgkiIvceoobTLcxuZXnz65RWUT_SbOcp7WUGwqR__GSQDDDJ3nY4_0SIule_Op_UQPQ_nlzj2OFDvm0BNGfTuXR6Glhg_om7uXIwfeX0Q?key=0WnfJkxPLlrqspcJBQn8PFsK |
| **PT-01** | Response Time Test | Use a timer to check content generation time | Should be under 3 seconds | https://lh7-rt.googleusercontent.com/docsz/AD_4nXcHuP6k7GVFn1VkZO3HTC9BoOPwFthgz910qrdXM13CKo3qJoxXg5SJAHal0MaDS_qajqv2oNkUTuuVtaqCOJ6GGzi3ghcHdxu3Qe-2dXE2-R01KvJuWNvKlbEsogaVVWWctt-5mxMsdpcWcWJXSv0?key=0WnfJkxPLlrqspcJBQn8PFsK | https://lh7-rt.googleusercontent.com/docsz/AD_4nXeNcFnGmBplOj6hpCQS_YbXbaPuLvGVzeQzIfcs54gKw71XO88NjksTSQv0ePCEhlDVuC0GoAexdPDGoa0EfTbjqRRSwFbN-E7UFQ6-6yLFNMtPWAFXdRGmg55U7b3_VJLNJAvO7YfhEygiKcfcPg?key=0WnfJkxPLlrqspcJBQn8PFsK |
| **PT-02** | API Speed Test | Send multiple API calls at the same time | API should not slow down | https://lh7-rt.googleusercontent.com/docsz/AD_4nXeNcFnGmBplOj6hpCQS_YbXbaPuLvGVzeQzIfcs54gKw71XO88NjksTSQv0ePCEhlDVuC0GoAexdPDGoa0EfTbjqRRSwFbN-E7UFQ6-6yLFNMtPWAFXdRGmg55U7b3_VJLNJAvO7YfhEygiKcfcPg?key=0WnfJkxPLlrqspcJBQn8PFsK | https://lh7-rt.googleusercontent.com/docsz/AD_4nXcHuP6k7GVFn1VkZO3HTC9BoOPwFthgz910qrdXM13CKo3qJoxXg5SJAHal0MaDS_qajqv2oNkUTuuVtaqCOJ6GGzi3ghcHdxu3Qe-2dXE2-R01KvJuWNvKlbEsogaVVWWctt-5mxMsdpcWcWJXSv0?key=0WnfJkxPLlrqspcJBQn8PFsK |
| **PT-03** | File Upload Load Test (e.g., PDFs) | Upload multiple PDFs and check processing | Should work smoothly without crashing | https://lh7-rt.googleusercontent.com/docsz/AD_4nXfa3XcKExb218VJRj7FQcvxkrVuUXBY-65u75GJw4vUuIgkiIvceoobTLcxuZXnz65RWUT_SbOcp7WUGwqR__GSQDDDJ3nY4_0SIule_Op_UQPQ_nlzj2OFDvm0BNGfTuXR6Glhg_om7uXIwfeX0Q?key=0WnfJkxPLlrqspcJBQn8PFsK | https://lh7-rt.googleusercontent.com/docsz/AD_4nXfa3XcKExb218VJRj7FQcvxkrVuUXBY-65u75GJw4vUuIgkiIvceoobTLcxuZXnz65RWUT_SbOcp7WUGwqR__GSQDDDJ3nY4_0SIule_Op_UQPQ_nlzj2OFDvm0BNGfTuXR6Glhg_om7uXIwfeX0Q?key=0WnfJkxPLlrqspcJBQn8PFsK |