

## Functional & Performance Testing Template

### Model Performance Test

|               |                              |
|---------------|------------------------------|
| Date          | 21 February 2025             |
| Team ID       | LTVIP2026TMIDS49230          |
| Project Name  | Gemini Pro Financial Decoder |
| Maximum Marks |                              |

#### Test Scenarios & Results

| Test Case ID | Scenario (What to test) | Test Steps (How to test)                       | Expected Result                        | Actual Result      | Pass/Fail |
|--------------|-------------------------|--|--|--------------------|-----------|
| FT-01        | File upload validation  | Upload valid & invalid CSV/XLSX files          | Valid files accepted, invalid rejected | Working correctly  | pass      |
| FT-02        | Ai summative generation | Upload file & click Analyze                    | Financial summary generated            | Summary displayed  | Pass      |
| FT-03        | Data Visualization      | Upload numeric data                            | Line chart shown                       | Chart displayed    | Pass      |
| FT-04        | API Connection Check    | Check if API key is correct and model responds | API responds successfully              | API responding     | Pass      |
| PT-01        | Response Time Test      | Use a timer to check content generation time   | Should be under 3 seconds              | Within limit       | Pass      |
| PT-02        | API Speed Test          | Send multiple API calls at the same time       | API should not slow down               | Speed checked      | Pass      |
| PT-03        | Multiple File Upload    | Upload 2–3 files together                      | No crash or lag                        | Stable performance | Pass      |