Test Strategy Document

# 1. Project Name

Travel Advisor

# 2. Application Type

Web Application

# 3. Objective of Testing

Ensure that the system works correctly and meets the specified requirements.

# 4. Features to be Tested

We will test all application features, including but not limited to:  
- Registration  
- Login  
- Admin functionalities  
- Rating system  
- Gallery  
- Booking module

# 5. Scope of Testing

All functional areas of the application are within scope. No features are currently excluded from testing.

# 6. Types of Testing to be Performed

- End To End manual testing  
- Static Testing By Code Review  
- User Acceptance Testing (UAT)

# 7. Test Approach

All tests will be conducted manually.

# 8. Test Design Tools

Microsoft Excel will be used to design and manage test cases.

# 9. Test Execution Tools

Manual execution; no automation tools are being used.

# 10. Test Participants

All members of the development and QA teams will participate in the testing process.

# 11. Metrics to be Collected

- Pass/Fail Ratio  
- Defect Density / Defect Rate  
- Test Coverage  
- Requirements Coverage

# 12. Test Reporting

Reports will be shared iteratively during the execution phase, including:  
- Daily test execution summaries  
- Weekly defect trend reports  
- Final test summary report

# 13. Test Deliverables

- Test Strategy  
- Test Plan  
- Test Cases  
- Bug Reports  
- Test Summary Reports  
- Requirements Traceability Matrix (RTM)

# 14. Risks and Mitigation

Risk: Project delivery delays  
Mitigation: Continuous monitoring of timelines, early risk identification, and stakeholder communication.

# 15. Change Management

In the case of requirement changes:  
- CRS and SRS documents will be updated  
- Corresponding test cases will be revised  
- Code and design will be adjusted if necessary  
- Change impact will be analyzed and reported

# 16. Exit Criteria

The testing process will be considered complete when the following criteria are met:  
- All planned test cases have been executed.  
- All critical and high-severity defects have been fixed and successfully re-tested.  
- Defect rate falls below the acceptable threshold.  
- Test coverage meets or exceeds the agreed-upon percentage.  
- All major functionalities meet the acceptance criteria as defined by stakeholders.