GoZyaan Website Test Plan

1. Test Plan Identifiers:

GoZyaan The Online Ticket Booking Website Browser Testing, TP_1.0

2. Introduction:

The documentation of the test plan is to test online booking system. The main objective of this website is to book for a user's flight, tour or hotel room. Overall strategies should be documented and the elements such as the environment for the website, validating the outputs, documentation for different tasks, time estimation for the task, etc. should be decorated here. The testers will perform both manual and automated tests as per the test case. So, maintaining each element of the test plan leads to the website being perfectly tested.

3. Test Item:

★ Registration option
★ Website's interface
★ Types of service (flight, hotel, tour)
★ Admin panel
★ Database pane,
★ Security for the users
★ Payment methods
★ Request for tour plan

4. Features to be Tested:

● As a tourist, creating own account and logging in the website
● As a tourist, can select the type of the service(flight/hotel/tour) he/she wants
● As a tourist, applying region and currency
● As a tourist, can search for the service with filter
● As a tourist, booking a flight/ hotel/ tour
● As a tourist, can book multiple units
● As a tourist, can set his/her flight plan (ine way/ round way/ multi city)
● As a tourist, can make payment (Mobline banking/banking)
● As a tourist, can contact with the support team
● As a tourist, can track booking
● As a tourist, can use coupon and enjoy offers
● As a tourist, requesting a custom tour
● As a tourist, can consult to build a tour plan
● As a tourist, check popular places, hotels and tours

- As a tourist, view the details of tour plan
- As a tourist, can cancel booking
- As a admin, accept tour request
- As a admin, validating available flight, tour and hotel
- As a admin, can customize a tour plan as per the request
- As a admin, can respond to the tourist
- As a admin, confirming the booking
- As a admin, update the details
- As a admin, can manage offers to get more tourist
- As a admin, can verify the offer or coupon
- As a admin, reach the people with available offers

5. *Features not to be Tested:*
- Environment of the system should not be tested
- Social promotion should not be tested
- Network stability should not be tested
- Third party integrations should not be tested
- Contact or response wouldl not be tested

6. *Approach:*
→ Test cases and data should be documented during testing.
→ Different types of functional testing will be applied.
→ All the requirements will be identified before tested.
→ Verify the expected and actual results for each test case.
→ Unexpected outcome should be mentioned in bug report.
→ Alpha testing and also beta testing will be fulfilled after final delivery.

7. *Pass/Fail Criteria:*
After performing the tests, the executed outcome will pass when they meet with the expected output as per the requirements. It will be marked as 'PASS'. Then, we can move next stage to test other cases.

But, if they do not satisfy the objective of that test case then it will be considered a failure and marked as 'FAIL'. The failure result should be reported and reviewed by team leads.

8. *Suspension:*
- Testing should be paused if the server gets down and lots of data gets lost.
- If much number of testers are busy due to other projects, testing may be paused.

- Testing may pause if the website is being hacked.
- If the internet stability is not perfect enough to perform tests then testing may be paused.
- If maximum results are considered as fail then we can pause the further test and recheck them.
- If the load of the website is high for some special day or vaccation such as Eid day, national holidays etc. and if it hampares the server then the testing can be paused.

9. Test Deliverables:

The documents for the tests are test case report, bug report, test report. Specific programming language with framework is needed for automation testing. Completion of unit testing, integration testing, system testing, acceptance testing.

10. Testing Tasks:

- Verified softwares for testing the website are ready to test.
- The credential to access the system.
- Available report formats for bugs, test case, test summery or progress should be ready to use.
- Environments should be ready.
- Responsive interface should be designed.

11. Environment Needs:

- ➢ Operating System:
  - ○ 64-bit Windows 10

- ➢ Hardware Specification: [4 pc is required]
  - ○ 1X 8 GB RAM, Intel Processor & minimum required specification
  - ○ 2X 16 GB RAM, Intel Processor & minimum required specification
  - ○ 1X 32 GB RAM, Intel Processor & minimum required specification

- ➢ Software
  - ○ Selenium IDE & WebDriver
  - ○ Eclipse IDE
  - ○ JMeter
  - ○ Postman

12. Responsibilities:

- ❖ Test manager:
  - ■ Regular check the test progress using test management tool

- Assign task to the team members
- Manage the risks to control the progress
- Allotting schedule for each task

❖ Tester:
- Check each test cases, do test & verify the outcome
- After completion of the task, change the status
- Report immediately if any risks occurs

❖ Support:
- Hardware environment support will be provided
- Network stability will be provided
- Software license will be provided for testing

13. Staffing and Training Needs:
- ◆ Testing should be done by 3 testers
- ◆ Testers have to need the knowledge about online booking system
- ◆ Tester need to be trained up for aumation softwares to test the task automatically
- ◆ Automation testers are needed to know learn programming language as per project's needs
- ◆ All members of the test team must know the usage of test management tools

14. Schedule:
- ● First cycle of testing must be completed within 2 weeks
- ● Test the website for 3 cycles
- ● Each tester gets 36 hours to do their assigned tasks
- ● Each task should take 24 hours to be reported
- ● Total cycles of testing will complete within 4 weeks

15. Risk and Contingencies:
- ❖ If testers do not know about the system then testing couple be dealy
- ❖ If first cycle of testing is not done within the given time then testing of the website would be delay for some days or weeks.
- ❖ If the server gets down and testing is paused then testing progress may delay
- ❖ There may be natural disasters occurrence and the network may be jammed then we will need more time
- ❖ If any tester needs trainning then testing may delay

- ❖ If testers are absent or get busy for other issues then the testing may delay
- ❖ If any mistakes occurre during testing fixing that problem may need some extra time

16. Approvals:

If Product Manager and Test Manager are both satisfied on the prodect's performance then it will be considered as an approved test and ready for next phase.