

Test plan for “Travel Buddy”

1. Test plan identifier:

- ID: TP001
- Application version : V1.0
- Date of test plan creation : 16-oct-2024

2. Introduction:

“**Travel Buddy**” is a web-based application designed to help users plan trips and discover new destinations. It offers features for browsing destinations, creating itineraries, and booking accommodations and activities. This test plan outlines the approach and strategy for testing the application to ensure it meets both functional and non-functional requirements, delivering a reliable and user-friendly experience.

3. scope:

- Destination search
- Itinerary management
- Accommodation booking
- Activity Discovery
- User profile management

4. Objectives:

- Ensure the reliability, performance, security, and usability of the **Travel buddy** application
- Ensuring that the application meets both business requirements and user expectations.

4. Referenced documents:

- Requirements Specification documents
- Design document

5. Schedule:

- Testing start date : 01-nov-2024
- Testing end date : 15-nov-2024
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6. Environmental need:

- Web application
- Mobile web application/ responsive
- Test user data
- Test payment methods
- Staging Environment

7. Features to be tested:

- Destination Exploration
- Trip Planning Tools
- Accommodation Booking
- Activity Discovery
- User Profiles

8. Features Not to be Tested:

- Interactive Maps
- Social Integration
- Weather Forecast
- Currency Converter

9. Testing approach:

- functional and non functional testing
- Unit testing
- Integration testing
- UI/UX testing
- Regression Testing
- UAT with stakeholders
- API testing
- Automation testing

10 .Resources:

- Team member : Manager, TL, QA engineer, developers
- Testing tools : Basic api testing tool postman, automation tool cypress , performance testing tool Jmeter, test management tool JIRA

11. Roles and Responsibilities:

- Manager: Responsible for planning and overseeing all testing activities
- QA engineer: Test case writing ,Test case execution, defect reporting
- Automation engineer : Script writing and execution for regression testing
- Developers : Implementing functionality and Resolving defect reported by QA team

12 . Suspend and resume criteria:

- Suspend criteria:
 - Critical Defects Identified
 - Unavailability of Resources
 - Change in requirement
- Resume criteria:
 - Defect resolved
 - Resources available
 - Requirements Finalized

Exploratory Testing Report for Travel Buddy Application

Date: 17-oct-2024

Tester: Vijata Palkar

Approach:

The exploratory testing approach was used to check the main features of the Travel Buddy web application. Instead of following pre-planned test cases, the focus was on exploring how users interact with different parts of the app. The goal was to find any hidden problems and assess how well the app works overall for users.

Focus areas:

1. Destination Exploration: Users can browse a curated collection of destinations, each with detailed information on attractions, accommodations, and local amenities.
2. Trip Planning Tools: Travel Buddy provides intuitive tools for users to create, edit, and manage their travel itineraries, including adding activities, accommodations, and transportation options.
3. Accommodation Booking: The platform integrates with leading accommodation providers, allowing users to search for and book accommodations directly within the application.
4. Activity Discovery: Users can explore various activities and experiences available at their chosen destinations, with options ranging from sightseeing tours to adventure activities.
5. User Profiles: Travel Buddy offers user profiles where travelers can save their preferences, favorite destinations, and past trips for easy reference.

Test scenarios executed:

1. Browsing destinations and accessing detailed destination information.
2. Creating and editing travel itineraries, with the ability to add activities.

3. Booking accommodations with valid date selection.
4. Ensuring a smooth payment process.
5. Verifying correct login and logout functionality.
6. Saving past trips and favorite destinations.

Issues found:

1. Travel Buddy logo is broken on the home page
2. Search box misaligned from header in mobile web application
3. Some destination images fail to load on the destination details page
4. Not able to add activities to trip itineraries
5. Past dates are visible and selectable in the accommodation booking calendar
6. Payment failed during accommodation booking
7. Activities filter not working for "memorable experiences" category
8. User unable to save favorite destinations in profile
9. User logged out unexpectedly
10. Room price not updating after increasing room quantity

Insights gained:

1. The Trip Planning and Activity Discovery features are valuable but require improvements for smoother interaction.
2. User experience on mobile devices needs optimization, particularly in ensuring that key UI
3. elements such as the search box are responsive and properly aligned.

4. Data persistence for user preferences and favorites must be fixed to enhance personalization.

Recommendations further testing OR Improvements:

1. Mobile web application: Conduct further testing on mobile devices to identify additional UI/UX issues and ensure responsiveness across different screen sizes.

2. Non functional testing: Perform stress and load testing on features like accommodation search to gauge performance under high user traffic.

3. Error Handling: Improve error handling for critical functions such as adding activities to itineraries and saving favorites, so users receive feedback when something goes wrong.

4. Payment gateway need to strong and correctly working

Feedback for product enhancement:

1. Need upcoming feature or what's coming section on web application
2. Add currency icon with multiple currency options so at international users can easily understand the all fares and values while planning trips
3. Add guest user option on login page
4. Add ratings functionality for each hotel/restaurant
5. Show customers feedback on landing page
6. Can use chatbot on every page
7. Provide specific travel insurance for customer
8. Give 24/7 customer support to travelers for any emergency while traveling

9. Introduce refund policy if any uncertainty happens
10. Introduce some discount coupons on occasion
11. Notify the existing travelers about new destinations/accommodations
12. Keep website design innovative yearly
13. Use analytic tools to track visitors like google analytics
14. Try to keep api latency within 200ms
15. Use sitemap for better ranking to the search engines

Bug ID	Bug Title	Severity/Priority	Description	Steps to Reproduce	Expected Behaviour	Actual Behaviour	Environment	Additional Notes
BI_001	Travel Buddy logo is broken on the home page	High / P1	The Travel Buddy logo on the home page is not displaying correctly. Instead of the logo, a broken image icon appears, indicating that the image file may be missing or the path to the image is incorrect.	-Open travel buddy home page -Check logo on top of the left side of header - Image of logo is broken	Travel Buddy logo should display correctly at the top-left of the home page.	Broken image icon visible	-Desktop (windows and mac) -Mobile (android , ios) -Chrome , safari	There is no redirection link for logo , we need give home page redirection link so user can redirect to home page from any page of travel buddy
BI_002	Search box misaligned from header in mobile web application	Medium / P2	In the mobile web application search box not align in the header because of that other UI getting affected	-Open travel buddy page on mobile or mobile view in desktop -Check search box in the header - Search bar appears below the header	Search bar should be align in the header	Search box appears below the header and pushing other content down	-Mobile (ios , android) -Chrome , safari	
BI_003	Some destination images fail to load on the destination details page	Medium / P2	On the destination details page, only some images load properly, while others show a broken image icon. The issue appears to affect random images, and the remaining content loads without problems.	-Enter destination in destination exploration section for eg. mumbai -Click on search - Open destination details page	All images of destination should be appears on page and visible to user	Broken image icon visible, only some images are visible	-Desktop (windows and mac) -Mobile (android , ios) -Chrome , safari	The broken images may be due to missing file paths or corrupt image files on the server.
BI_004	Users are unable to add activities to their trip itineraries.	High / P1	User not able to add activities to their trip. after section of activity user try to add but there is no confirmation and that list not appears in itinerary	- Go to trip planning - Enter destination and browse add activity - Try to add activity	After adding activity in trip itineray it should be visible and confirmation message should appears	Activity not getting added and no error msg appears	-Desktop (windows and mac) -Mobile (android , ios) -Chrome , safari	
BI_005	Past dates are visible and selectable in the accommodation booking calendar	High / P1	In accommodation booking calender user able to see and select past date for check in checkout , this can be lead booking erros due to invalid date selection	- Go to accommodation booking - Click calender - Select past date for check in	User should able to select present and future date for check in and checkout and past dates should be restricted	User able to select past date	-Desktop (windows and mac) -Mobile (android , ios) -Chrome , safari	
BI_006	Payment failed during accommodation booking	Critical / P1	The accommodation booking payment getting failed and user redirect to checkout page	- Select accommodation - Click on book cta - Redirect to payment gateway - Enter payment details and click pay now - Payment failed page	Payment successfully done with booking confirmation message	Payment failed and user redirect to checkout	-desktop (windows and mac) -mobile (android , ios) -chrome , safari	After checkout redirection accommodation details getting reset , it should be remain same
BI_007	Activities filter not working for "memorable experiences" category	Medium / P2	The "Adventure," "What's Around," and "Most Loved Places" filters are working, but the "Memorable Experiences" filter is not displaying any information.	-Go to "Activity Discovery" section -Choose destination - Click on memorable experiences filter - Check the no results for memorable experience	Activities in the "memorable experiences" category should be displayed when the filter is applied.	No results found for filter	-desktop (windows and mac) -mobile (android , ios) -chrome , safari	

BI_008	Users are unable to save favorite destinations in their profile.	Medium / P2	Users are unable to save their favorite destinations in their profile. When a user selects a destination as a favorite, the system fails to store the selection, and the destination does not appear under "Favorites" in the user profile when revisiting.	<ul style="list-style-type: none"> -Search destination place -Open detail of destination - Click on move to favorite icon -Visit profile and open favorite destinations - Observe that destination not listed in list of favorite destinations 	The selected destination should be saved under favorite destinations in the user profile, and users should be able to access it from their profile.	The destination is not saved or displayed under favorite destinations in the profile, and no confirmation or error message is shown.		
BI_009	User logged out unexpectedly	High / P1	Users are experiencing unexpected logouts from their profiles while navigating the Travel Buddy application. This issue occurs intermittently and leads to a loss of unsaved data.	<ul style="list-style-type: none"> -Log in to the Travel Buddy application with valid credentials. -Navigate through different sections (e. g., Destination Exploration, Trip Planning Tools). -Wait for approximately 5-10 minutes or perform specific actions (like browsing destinations). -Notice that the user is logged out unexpectedly. 	The user should remain logged in during their session and not be logged out while actively using the web application.	The user is logged out unexpectedly, requiring them to log in again to access their profile and saved information.	<ul style="list-style-type: none"> -Desktop (windows and mac) -Mobile (android , ios) -Chrome , safari 	
BI_010	Room price not updating after increasing room quantity	High / P1	Users are experiencing an issue where the total price for accommodations does not update after increasing the number of rooms during the booking process. This leads to incorrect billing.	<ul style="list-style-type: none"> -Search for accommodations. -Select a specific accommodation and proceed to the booking page. -Increase the number of rooms using the provided option. -Observe that the total price displayed does not change to reflect the increased number of rooms. 	The total price should update automatically to reflect the increase in the number of rooms selected.	The total price remains unchanged despite increasing the room quantity, causing potential billing issues for users.	<ul style="list-style-type: none"> -Desktop (windows and mac) -Mobile (android , ios) -Chrome , safari 	After refreshing the page still pricing issue occurs