

Exploratory Testing Report

Objective: Check how well the upcoming features and integrations work in "Travel Buddy."

Scope:

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

Approach: We will try out each feature by doing different user actions and check if everything works as expected. We'll test common situations and some rare ones to make sure it's reliable.

Test Scenarios

1. Interactive Maps

- **Test Scenario 1:** View map with saved destinations
 - * Go to the "Interactive Maps" section.
 - * Ensure the map shows saved destinations with correct markers.
 - * Check that clicking a marker displays relevant details (e.g., name, address).
- **Test Scenario 2:** Add a new destination to the map
 - * Add a new destination to the trip itinerary.
 - * Confirm the new destination appears on the map.

Observations and Issues

- * **Issue:** New destinations sometimes take longer to appear on the map.

2. Social Integration

- **Test Scenario 1:** Connect with friends
 - * Access the "Social Integration" feature.
 - * Send a connection request to a friend.
 - * Ensure the request is sent and shown in the friend's notifications.
- **Test Scenario 2:** Share travel plans

- * Create a travel plan.
- * Share the plan with connected friends.
- * Confirm friends receive and can view the shared plan.

Observations and Issues

- * **Issue:** Shared travel plans are not always received by friends.

3. Weather Forecast Integration

- **Test Scenario 1:** View current weather for a selected destination
 - * Select a destination.
 - * Ensure the current weather information is accurate.
- **Test Scenario 2:** Check weather forecast updates
 - * Change the destination and check the updated weather forecast.
 - * Confirm the update speed and accuracy of the new forecast.

Observations and Issues

- * **Issue:** Weather updates occasionally lag.

4. Currency Converter Integration

- **Test Scenario 1:** Convert currencies for trip budgeting
 - * Use the currency converter to convert INR to USD.
 - * Ensure the conversion rate is accurate and the result is correct.
- **Test Scenario 2:** Plan travel budget with converted currencies
 - * Add expenses in multiple currencies.
 - * Confirm the total budget is calculated accurately with the converted amounts.

Observations and Issues

- * **Issue:** Some currencies are missing from the converter tool.

Insights

- The Interactive Maps feature improves visual planning but needs faster updates.
- Social Integration is key for user engagement but must ensure reliable sharing.
- The Weather Forecast integration aids trip planning but needs consistent real-time updates.
- The Currency Converter is useful for budgeting but must support all currencies.

Recommendations

- **Interactive Maps:** Speed up the loading times for new destinations.
- **Social Integration:** Fix bugs affecting the sharing of travel plans.
- **Weather Forecast Integration:** Improve real-time weather update mechanisms.
- **Currency Converter Integration:** Ensure all currencies are supported and rates are accurate.
