

# HarmonyTi Beta Test Checklist

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## HTS Code Search (NEW FEATURE)

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### Basic Search Tests

- ☐ Type "6" - Should show many results from chapters 60-69
- ☐ Type "64" - Should show all footwear codes (~147 results)
- ☐ Type "640" - Should narrow to codes starting with 640
- ☐ Type "6403" - Should show specific footwear subcategories
- ☐ Type "8703" - Should show motor vehicle codes
- ☐ Type "999" - Should show "No matching records"

### Search Behavior Tests

- ☐ Dropdown appears after typing 3 digits
- ☐ Results narrow with each additional digit typed
- ☐ Selecting a dropdown item populates the HTS field
- ☐ Can complete lookup after selecting from dropdown
- ☐ Dropdown shows code and description for each item
- ☐ "Type more digits to refine" message appears when many results

### Performance Tests

- ☐ Search results appear quickly (no lag)
- ☐ Scrolling through results is smooth
- ☐ No app crashes when searching

## History Feature Tests

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### Saving to History

- ☐ Complete a lookup and tap "Save & Search"
- ☐ Verify entry appears in History tab
- ☐ Verify saved data includes:
  - ☐ HTS code
  - ☐ Country
  - ☐ Declared value

- ☐ Unit count (if entered)
- ☐ Duty calculations
- ☐ Timestamp

## Restoring from History

- ☐ Tap a history item
- ☐ Verify all fields populate correctly:
  - ☐ HTS code
  - ☐ Country
  - ☐ Declared value
  - ☐ Results display
  - ☐ Unit count (if it was saved)
- ☐ Verify unit calculations show if unit count was saved

## Unit Cost Calculations

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### Basic Unit Tests

- ☐ Complete a lookup
- ☐ Enter unit count in the field
- ☐ Verify "First cost per unit" calculation appears
- ☐ For RT countries (CN, CA, MX), verify RT impact shows

### Unit Count in History

- ☐ Save a lookup with unit count entered
- ☐ Go to History tab
- ☐ Select the saved item
- ☐ Verify unit count field is populated
- ☐ Verify unit calculations are displayed

## Country-Specific Features

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### Reciprocal Tariff (RT) Tests

- ☐ Select China (CN) - RT toggle should appear
- ☐ Select Canada (CA) - RT toggle should appear
- ☐ Select Mexico (MX) - RT toggle should appear

- ☐ Select Japan (JP) - NO RT toggle should appear
- ☐ Toggle RT on/off and verify calculations update

## Edge Cases

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- ☐ Very long HTS codes (8 digits max)
- ☐ Invalid HTS codes
- ☐ Very large declared values
- ☐ Very large unit counts
- ☐ Switching between countries rapidly
- ☐ Backgrounding app and returning

## Platform-Specific Tests

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### iOS

- ☐ Screenshot prevention works on results screen
- ☐ Keyboard behavior is correct
- ☐ Safe area insets respected

### Android

- ☐ Back button behavior
- ☐ Keyboard doesn't cover input fields
- ☐ Number pad appears for numeric fields

## Notes for Testers

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- Report any crashes with steps to reproduce
- Note any performance issues
- Check for UI/UX inconsistencies
- Verify all monetary values format correctly (\$X,XXX.XX)