

PORTFOLIO SAMPLE

Mobile App QA Case Study

Five historical findings covering currency behavior, receipt entry and visual usability.

PROJECT CONTEXT

Planora is Serhat’s own personal finance application. This retrospective demonstrates issue reporting, impact assessment, remediation documentation and evidence handling. It is not a commissioned client audit or a claim that the work was completed in 48 hours.

REVIEW BASIS

Three supplied screenshots were visually inspected for this report. Historical behavior, code changes and user confirmations come from the development summary supplied by the owner; source code, original logs and the running app were not independently inspected. Dates, OS versions and build numbers for individual screenshots are not established.

PRIORITIZED FINDINGS

QA-001 / High	Primary currency switch retains raw amounts Historical account; targeted retest needed
QA-002 / High	Receipt expense appears only after restart Owner confirmation reported; no visual evidence
QA-003 / Medium	Dark-mode category limit is hard to read Before image inspected; after retest needed
QA-004 / Medium	Secondary currency absent from main screens Dashboard after image inspected; partial coverage
QA-005 / Medium	Small FX equivalents display as zero Before image inspected; after retest needed

SEVERITY RATIONALE

High: material financial misrepresentation or disruption of a core recording flow. Medium: impaired readability or supporting functionality. No Critical rating is asserted because irreversible corruption, widespread loss or complete service failure has not been established.

No measured revenue uplift, conversion lift, Turkish localization outcome or accessibility compliance result is claimed.

Currency switch retains raw numeric amounts

Historical behavior reported by the owner; a new controlled retest has not been performed.

ACTUAL VS EXPECTED

Reported: entering 85,000,000 VND and switching the primary currency to USD retained 85,000,000 with a USD symbol. Expected for the intended conversion feature: preserve the financial meaning of existing amounts using an identified exchange rate, rather than relabeling their raw values.

HISTORICAL REPRODUCTION

1. Select VND as primary currency. 2. Enter monthly income of 85,000,000. 3. Change primary currency to USD. 4. Observe that the numeric amount remains unchanged. These steps are reconstructed from the supplied historical account.

IMPACT

The same numeric value under a different currency can materially misrepresent the user's budget. The supplied account also describes changes affecting savings, expenses, payments, extra income and category limits; those areas have not been independently verified.

REPORTED REMEDIATION

updateCurrencySymbol(...) was expanded to obtain a rate, convert financial fields and persist the converted values. Reported locations: lib/state/planora_controller.dart and lib/services/exchange_rate_service.dart. This is a historical code description, not a reviewed source diff.

EVIDENCE AND CLOSURE STATUS

The summary quotes the owner describing the 85-million-VND-to-85-million-USD symptom and later giving a general positive response. E2 shows a secondary RUB equivalent below a VND amount; it does not demonstrate a primary-currency switch. Status: fix reported; targeted verification outstanding.

RECOMMENDED ACCEPTANCE CHECK - NOT EXECUTED

Use test data and a known rate. Change primary currency and check each affected financial field against that rate and the documented rounding rule. Restart and verify persistence. Check behavior if rates cannot be fetched, and confirm that no partial conversion is saved.

Receipt expense appears only after restart

Reported functional defect with an explicit owner confirmation in the supplied history.

ACTUAL VS EXPECTED

Reported: an expense saved from Receipt Scanner did not appear in the expense list during the same session. It appeared after restarting the application. Expected: the saved record appears immediately and remains visible after restart.

HISTORICAL REPRODUCTION

1. Open Receipt Scanner. 2. Scan a receipt. 3. Save the expense. 4. Return to Expenses and observe no new row. 5. Restart the application and observe the row. Steps come from the supplied account; no replay was performed for this report.

IMPACT

A missing row after saving can make a successful operation appear unsuccessful. Users may repeat the entry and create duplicates or lose confidence in receipt scanning. Actual duplication or data loss has not been demonstrated.

REPORTED CAUSE AND REMEDIATION

The summary attributes the behavior to multiple PlanoraController instances. The scanner route was wrapped in PlanoraScope using the existing controller so the scanner and expense list shared state. Reported location: lib/screens/app_shell.dart; related state: lib/state/planora_controller.dart.

EVIDENCE AND CLOSURE STATUS

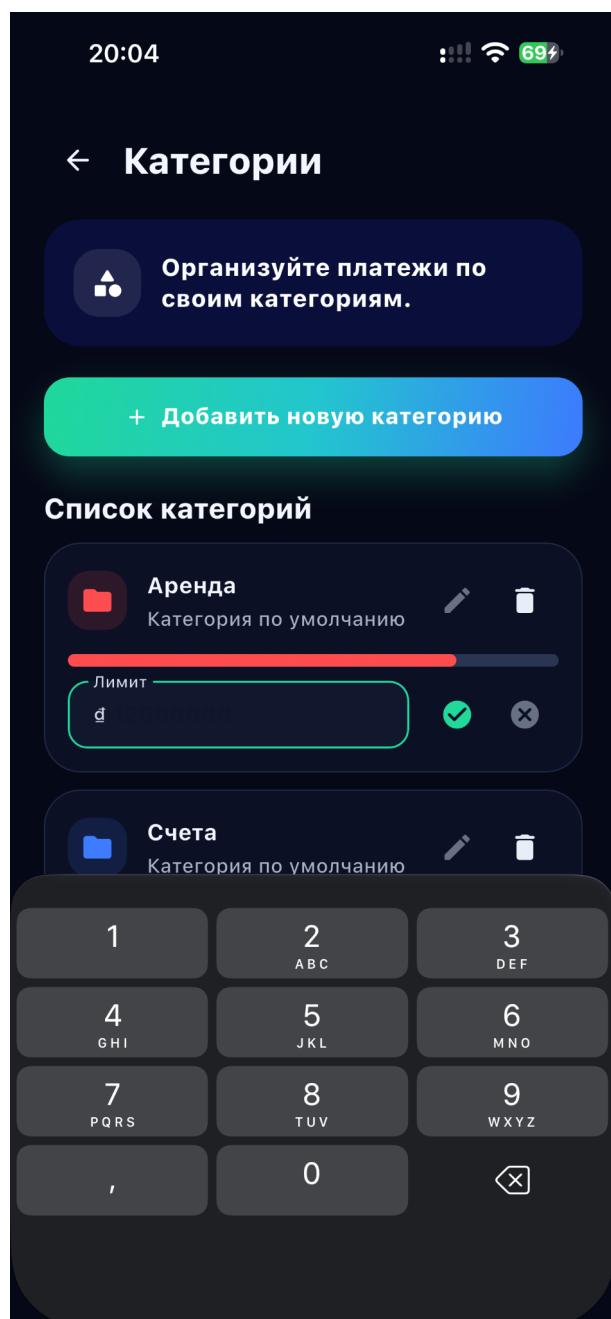
The supplied summary quotes the owner's post-fix response: "Tamam şimdi oldu" ("Okay, it works now"). No receipt-flow screenshot, recording, source diff or test log is attached. Status: owner-confirmed fix as reported in history; not independently retested.

RECOMMENDED ACCEPTANCE CHECK - NOT EXECUTED

Save one scanned receipt and confirm exactly one matching expense appears immediately. Check that totals update, navigate away and back, then restart and verify the same single record remains. Include cancelling the scan to ensure no unintended record is created.

Dark-mode limit input is difficult to read

E1 directly supports the historical readability defect. No after image was supplied.



E1 | Before | 20:04 visible in capture

OBSERVED EVIDENCE

In the Russian Categories screen, the active rent-limit field has a dark numeric value on a dark background. The currency prefix and input border are visible, while the amount is difficult to distinguish.

EXPECTED BEHAVIOR

The entered amount remains readable in both themes, including while the keyboard is open. No contrast ratio was measured and no formal compliance claim is made.

REPRODUCTION FROM HISTORY

Enable dark mode, open Categories and edit a category limit. The screenshot corroborates the appearance, not the full interaction sequence.

REPORTED FIX

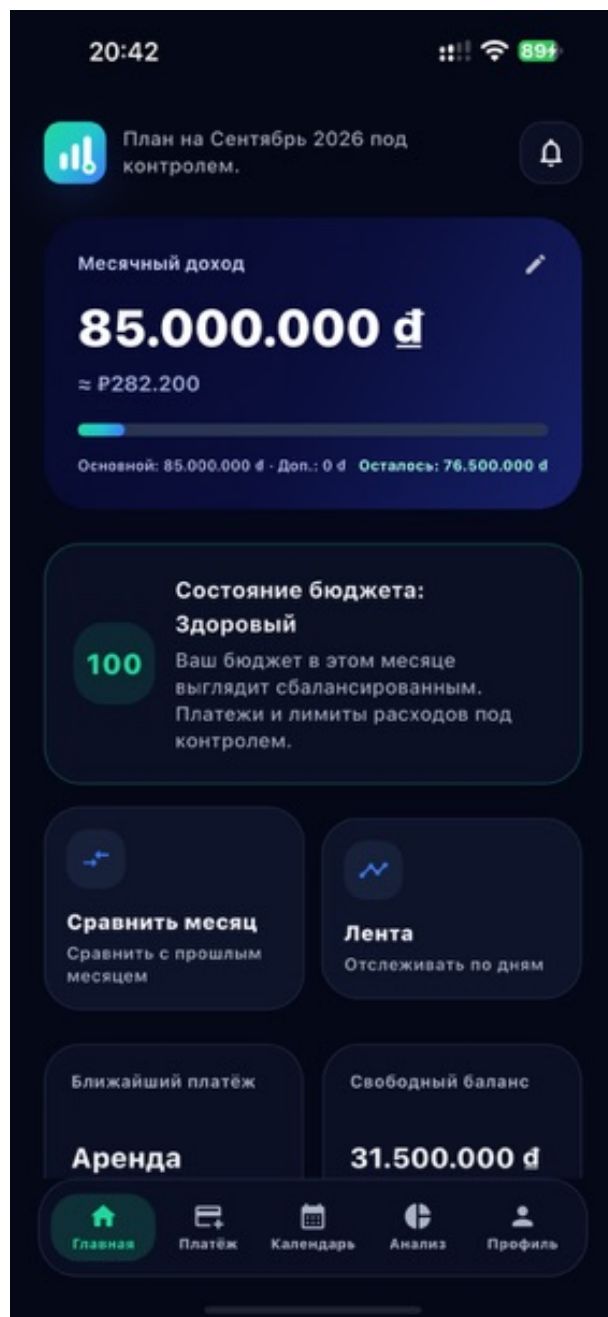
In `category_settings_screen.dart`, the input color changed from `AppColors.textPrimary` to `AppThemeColors.textPrimary(context)`. Source diff not inspected.

STATUS AND ACCEPTANCE

Fix reported; targeted visual retest pending. Check existing and newly typed values in dark and light themes. A general build approval does not confirm this field.

Secondary currency missing from main screens

E2 confirms a secondary value is visible on Dashboard in the supplied after capture.



E2 | Reported after state | 20:42

REPORTED DEFECT

Secondary currency could be selected in settings but was not shown on Dashboard or Analysis. Expected: display the configured equivalent alongside the relevant primary amount.

OBSERVED AFTER STATE

Monthly income shows 85.000.000 ₺ and approximately ₹282.200 below it. This supports presence of a secondary value on Dashboard only.

REPORTED FIX

Secondary-value text was added in `dashboard_screen.dart` and `analysis_screen.dart` using `formatSecondaryMoney(...)`. Source code not reviewed.

VERIFICATION BOUNDARY

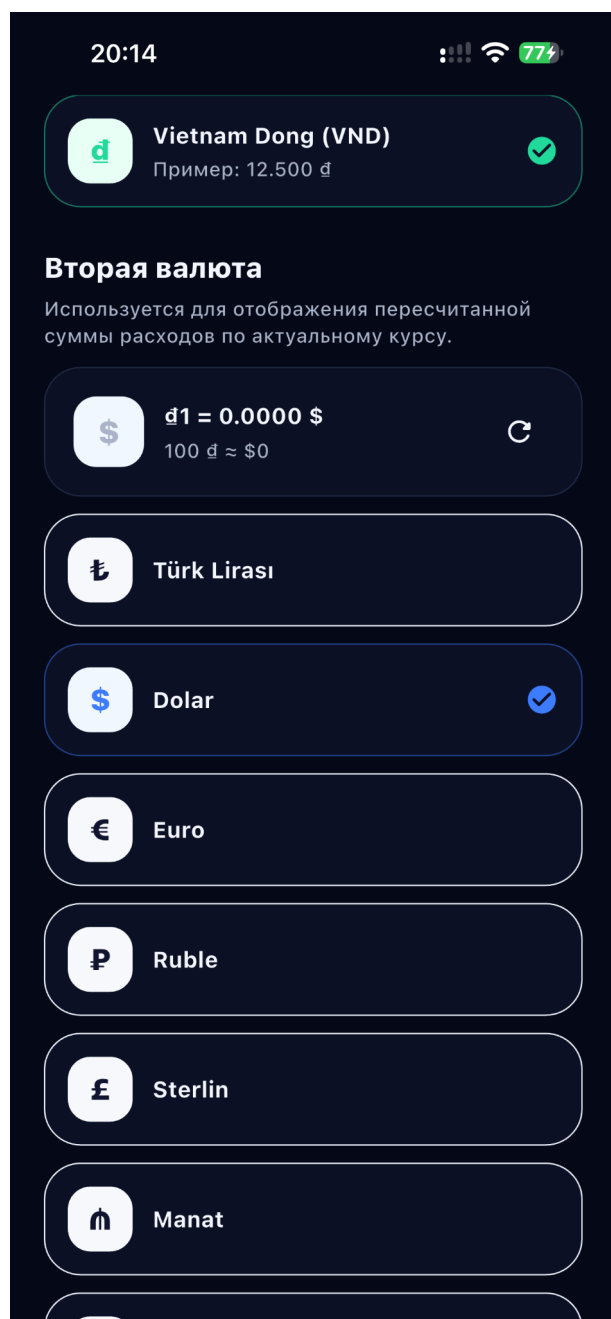
The history reports explicit owner confirmation for both screens. No Analysis capture, rate response or timestamp is supplied. Numerical rate accuracy and primary-currency conversion are not established by E2.

REMAINING ACCEPTANCE

Check both screens after changing the secondary currency, confirm the calculation against the app's rate and verify behavior after restart. Not executed here.

Small FX equivalents are displayed as zero

E3 directly supports the zero-value presentation. No after capture was supplied.



E3 | Before | 20:14 visible in capture

OBSERVED EVIDENCE

Currency Settings has VND as primary and USD selected as secondary. The rate row reads “ $1 đ = 0.0000 \$$ ” and the sample reads “ $100 đ \approx \$0$ ”.

EXPECTED BEHAVIOR

A positive sub-unit equivalent should retain meaningful precision or use an explicit less-than notation. Formatting should not make a positive value appear literally zero.

CAUSE AND FIX - REPORTED

The history attributes integer rounding to `value.round()` in `money_formatter.dart` and reports a precision update. The image alone does not establish the underlying rate or root cause.

STATUS

Before appearance verified. Remediation reported; after verification pending. A later discussion about exchange-rate providers is not a targeted passing test.

ACCEPTANCE - NOT EXECUTED

With a known positive rate, check 1 and 100 VND, zero, and values near rounding boundaries. Verify both the rate row and converted sample; retain readable locale formatting.