

ISSUE 2: Date of Birth Update Issue

1. Test Scenario Identification

Positive Scenarios:

Update DOB and save successfully
DOB update reflected across all screens

Negative Scenarios:

Save succeeds but value not persisted
Refresh reverts DOB
Downstream KYC mismatch
DOB update blocked after e-sign

Boundary Cases:

Age (Ex- 17,18,60,61)
Leap year DOB (29-Feb)
Timezone conversion issues
Format mismatch (UI vs API)

State-Based Scenarios:

DOB change before KYC
DOB change after KYC
DOB change after loan approval (should block)

User Behavior Scenarios:

Save + refresh
Save + navigate away
Concurrent edit from another screen

2. Test Case Design

Test Case: DOB saved after refresh

Preconditions:

Customer profile editable

KYC not completed

Steps:

Update DOB

Save

Refresh page

Open KYC and loan screens

Expected Results:

DOB saved

Same DOB across all modules

No mismatch warnings

Post-Conditions:

DOB Updated successfully

3. Regression Strategy

Profile update persistence

Refresh and reload checks

Cross module consistency

Automation:

API contract validation through postman

DB commit verification

Event propagation tests

Manual:

Aadhaar / e-sign flow validation

4. Validation and data integrity

UI vs API DOB

Master profile vs KYC copy

CRM vs third-party payload

5. Failure Prevention Thinking

UI-only validation

No refresh tests

No downstream verification

Early Signals:

KYC mismatch errors

Inconsistent DOB across APIs

QA–Dev Collaboration:

Define single DOB owner

Explicit propagation events

Immutable DOB after KYC