# **✅ QA Test Case Document**

**Project:** Defeah Bible Study App  
 **Author:** QA Team  
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 **Test Format:** Manual/Automated  
 **Tooling:** Firebase Emulator, Postman, Flutter Driver, Supabase CLI (optional)

## **🔍 Test Cases for Version 1.0**

### **🔹 TC-001: Generate Study Guide from Bible Verse**

| **Step** | **Action** | **Expected Result** |
| --- | --- | --- |
| 1 | Open app | Home screen loads |
| 2 | Enter verse "John 3:16" | Valid input accepted |
| 3 | Tap generate | Guide is generated with 5 structured sections |
| 4 | Validate section labels | Summary, Context, Related Verses, Questions, Prayer are present |

### **🔹 TC-002: Generate Guide from Topic**

| **Step** | **Action** | **Expected Result** |
| --- | --- | --- |
| 1 | Enter "forgiveness" | Input accepted |
| 2 | Tap generate | Guide generated using topic context |

### **🔹 TC-003: Anonymous Guide Generation**

| Step | User not logged in | Anonymous session allowed |  
 | 2 | Generate guide | Output is not stored but is viewable |

### **🔹 TC-004: Login with Google**

| **Step** | **Action** | **Expected Result** |
| --- | --- | --- |
| 1 | Tap Google login | Redirect to Google Auth |
| 2 | Successful login | JWT stored and session initialized |

### **🔹 TC-005: Save Guide to History**

| Step | Generate + Logged In | Guide ID saved to cloud user profile |  
 | 2 | Reopen app | Previously saved guides visible |

### **🔹 TC-006: Share Study Guide**

| Step | Tap share button | Share sheet opens (WhatsApp, Email) |  
 | 2 | Copy link | Guide content copied to clipboard |

### **🔹 TC-007: Rate Limiting (Anonymous)**

| Step | Generate > 3 guides/hr | 429 error with retry header shown |

## **🔍 Test Cases for Version 1.1 (History & Auth)**

### **🔹 TC-008: View Recent History**

| Step | Generate 2 guides | Both show under "Recent Guides" |  
 | 2 | Tap item | Guide opens in same structured format |

### **🔹 TC-009: Delete Saved Guide**

| Step | Tap delete on saved item| Confirm prompt appears |  
 | 2 | Confirm delete | Guide removed from history |

### **🔹 TC-010: Auth Persistence**

| Step | Logout + Login again | History still accessible |

## **🔍 Test Cases for Version 1.2 (Feedback)**

### **🔹 TC-011: Submit Feedback**

| Step | View generated guide | Feedback section appears below |  
 | 2 | Rate + Comment | POSTs to feedback endpoint, success toast shown |

## **🔍 Test Cases for Version 1.3 (Daily Verse + Bug Reporting)**

### **🔹 TC-012: Daily Verse Load**

| Step | Open app on new day | New verse shown in "Today’s Word" |

### **🔹 TC-013: Bug Report Flow**

| Step | Tap menu > Report Bug | Bug report modal appears |  
 | 2 | Fill form, attach image | Sent to backend, confirmation shown |

## **🔍 Test Cases for Version 2.0 (Jeff Reed Study)**

### **🔹 TC-014: Select Jeff Reed Topic**

| Step | Tap "Gospel" | 4-step layout appears |

### **🔹 TC-015: Step-by-Step Navigation**

| Step | Scroll through steps | Context, Scholar, Discussion, Application all visible |

## **🔍 Test Cases for Version 2.1 (Study Group Sharing)**

### **🔹 TC-016: Share with Group**

| Step | Tap "Share to Group" | Copy/share button allows link + image |

### **🔹 TC-017: Group Guide Structure Check**

| Step | Open shared content | Proper headings + readable summary |

## **🔍 Test Cases for Version 2.3 (Donate to Developer)**

### **🔹 TC-018: View Donate Prompt**

| Step | Open settings | "Support Developer" option visible |

### **🔹 TC-019: Process ₹100 donation**

| Step | Tap Donate (Google Pay) | Razorpay opens, ₹100 prefilled |