# **🌐 API Contract Documentation**

**Project Name:** Defeah Bible Study  
 **Version:** 1.0  
 **Type:** RESTful API

## **🔐 Authentication & Authorization**

* **Auth Method**: Firebase Auth or Supabase Auth (JWT-based). Choose one as the primary provider to avoid auth conflicts during user state management. Firebase is currently preferred for production.
* **Header**: Authorization: Bearer <token>
* **Requirement**:  
  + Required for saving, retrieving, and deleting user-specific data
  + Anonymous users can generate study guides without logging in

## **📥 1. Generate Study Guide**

**Endpoint**: POST /guides/generate  
 **Auth Required**: ❌ No (optional)

**Description**: Generates a study guide based on either a Bible verse or predefined topic

### **Request Body**

{

"input\_type": "verse", // "verse" or "topic"

"input\_value": "Romans 12:1",

"language": "en"

}

### **Response**

{

"guide\_id": "abc123",

"summary": "...",

"explanation": "...",

"related\_verses": ["1 Peter 2:5", "John 3:16"],

"reflection\_questions": ["What does sacrifice mean to you?"],

"prayer\_points": ["Lord, help me offer myself fully to you..."]

}

## **📤 2. Save Study Guide to Profile**

**Endpoint**: POST /save-guide  
 **Auth Required**: ✅ Yes

**Description**: Saves a generated study guide to the authenticated user's history

### **Request Body**

{

"guide\_id": "abc123"

}

### **Response**

{

"message": "Saved successfully",

"saved\_at": "2025-07-04T12:34:56Z"

}

## **📚 3. Get Saved Guides (History)**

**Endpoint**: GET /saved-guides  
 **Auth Required**: ✅ Yes

**Description**: Fetches all saved study guides for the authenticated user

### **Response**

[

{

"guide\_id": "abc123",

"input\_value": "faith",

"saved\_at": "2025-07-04T12:34:56Z",

"summary": "...",

"language": "en"

}

]

## **❌ 4. Delete Saved Guide**

**Endpoint**: DELETE /saved-guide/:guide\_id  
 **Auth Required**: ✅ Yes

**Description**: Removes a saved study guide

### **Response**

{

"message": "Guide removed from saved items"

}

## **📘 5. Get Jeff Reed Topics**

**Endpoint**: GET /topics

**Note**: Topics may be localized based on the user's language preference. Cached for 24 hours client-side to reduce repeated fetches.  
 **Auth Required**: ❌ No

**Description**: Returns list of predefined topics used in Jeff Reed's study method

### **Response**

[

"Gospel",

"Grace",

"Faith",

"Discipleship"

]

## **🧠 6. Generate Jeff Reed Study**

**Endpoint**: POST /study-jeffreed  
 **Auth Required**: ❌ No (optional)

**Description**: Generates a 4-step Jeff Reed study guide based on a selected topic (no user input required)

### **Request Body**

{

"topic": "Grace",

"language": "en"

}

### **Response**

{

"step\_1\_context": "Historical and cultural background...",

"step\_2\_scholar\_guide": "Explanation generated by AI...",

"step\_3\_discussion": "Group reflection questions...",

"step\_4\_application": "How to apply this teaching..."

}

## **📝 7. Submit Feedback**

**Endpoint**: POST /feedback

**Note**: Optional metadata such as user\_language or sentiment\_score can be included to enhance LLM fine-tuning.  
 **Auth Required**: ✅ Yes

**Description**: Allows users to rate and provide feedback on LLM-generated study guides

### **Request Body**

{

"guide\_id": "abc123",

"was\_helpful": true,

"message": "Really helped me understand God's mercy."

}

### **Response**

{

"message": "Feedback recorded. Thank you!"

}

## **🛡️ Error Response Format**

{

"error": {

"code": "INVALID\_INPUT",

"message": "Please provide a valid Bible verse or topic."

}

}

## **⏳ Rate Limiting**

| **User Type** | **Limit** |
| --- | --- |
| Anonymous | 3 guide generations per hour. Rate limiting enforced server-side. Users exceeding limit receive HTTP 429 with retry-after header |
| Authenticated | 30 guide generations per hour |

## **🔧 Optional Future APIs**

| **Endpoint** | **Purpose** |
| --- | --- |
| /languages | List supported app languages |
| /popular-guides | Show trending or frequently saved |
| /user/preferences | Store theme/language/device settings |