

# Secure Facebook API – Part 1

Project : Facebook API  
Implementations : Page, Post, Friend List, Profile, Picture, Album  
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## ***API Specifications:***

### **Profile API**

#### Request:

PUT /user

```
{  
  "userId": "$userId",  
  "firstName": "$firstName",  
  "lastName": "$lastName",  
  "age": $age ,  
  "gender": "$gender",  
  "relation": "$relation"  
}
```

#### Response:

```
{  
  "reason": "success/failure reason",  
}
```

#### Request:

GET /user?userId=\$userId

#### Response:

```
{  
  "userId": "$userId",  
  "firstName": "$firstName",  
  "lastName": "$lastName",  
  "age": $age ,  
  "gender": "$gender",  
  "relation": "$relation"  
}
```

#### Request:

PUT /user

```
{  
  "userId": "$userId",  
  "firstName": "$firstName",  
  "lastName": "$lastName",  
  "age": $age ,  
  "gender": "$gender",  
}
```

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```
"relation": "$relation"
}
```

## Response:

```
{
  "reason": "success/failure reason",
}
```

## **Post API**

### Request:

PUT /user/userId/feed

```
{
  "postby": "$postBy",
  "message": "$message",
  "link": "$link",
  "place": "$place",
  "privacy": "$privacy",
  "object_attachment": "$object_attachment"
}
```

### Response:

```
{
  "reason": "success/failure reason"
}
```

## **Page API**

### Request:

GET /user/userId/home

### Response:

```
{
  "posts": "Array[UserPost]",
}
```

## **FriendList API**

### Request:

GET user/userId/friendslist/<userId/frndId>

### Response:

```
{
  "userIds": "Array[String]",
}
```

### Request:

PUT user/userId/addFriend/ frndId

### Response:

```
{
  "reason": "success/failure reason"
}
```

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## Album API

### Request:

GET user/userId/albums/albumId

### Response:

```
{
  "albums": "Array[Album]",
}
```

### Request:

PUT user/userId/albums

```
{
  "userId": "$userId",
  "albumId": "$albumId",
  "coverPhoto": "$coverPhoto",
  "createdTime": "$createdTime",
  "description": "$description",
  "place": "$place",
  "updateTime": "$updateTime"
}
```

### Response:

```
{
  "reason": "success/failure reason"
}
```

### Request:

POST user/userId/albums

```
{
  "userId": "$userId",
  "albumId": "$albumId",
  "coverPhoto": "$coverPhoto",
  "createdTime": "$createdTime",
  "description": "$description",
  "place": "$place",
  "updateTime": "$updateTime"
}
```

### Response:

```
{
  "reason": "success/failure reason"
}
```

## Photo API

### Request:

GET user/userId/albums/?photoId=\$photoId

### Response:

```
{
  "userId": "$userId",
  "albumId": "$albumId",
}
```

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```
"place": "$place",  
"photoId": "$photoId",  
"src": "$src",  
"message": "$message",  
"noStory": "$noStory"  
}
```

## Request:

PUT user/userId/albums/photo

```
{  
  "userId": "$userId",  
  "albumId": "$albumId",  
  "place": "$place",  
  "photoId": "$photoId",  
  "src": "$src",  
  "message": "$message",  
  "noStory": "$noStory"  
}
```

## Response:

```
{  
  "reason": "success/failure reason"  
}
```