# LM Exchange - User API Documentation

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## 1. Authentication and Authorization

### 1.1 Register

Endpoint: /Register  
Method: POST

Request Body:

{

"email": "string",

"password": "string",

"role": "User | Admin"

}

Success Response**:**

{

"status": "true",

"data": {

"userId": number,

"message": "<message>"

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "400/500"

}

}

### 1.2 Login

Endpoint: User/Login  
Method: POST

Request Body:

{

"email": "string",

"password": "string"

}

Success Response**:**

{

"status": "true",

"data": {

"accessToken": "string",

"refreshToken": "string"

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "<error code>"

}

}

### 1.3 Reset Password

Endpoint: /ResetPassword  
Method: POST

Headers:

{

"userId": "number",

"accessToken": "string"

}

Request Body:

{

"currentPassword": "string",

"newPassword": "string"

}

Success Response**:**

{

"message": "<success message>"

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "<error code>"

}

}

### 1.4 Generate OTP

Endpoint: /GenerateUserOTP  
Method: POST

Request Body:

{

"email": "string"

}

Success Response:

{

"id": number,

"message": "<success message>"

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "<error code>"

}

}

### 1.5 Verify User OTP

Endpoint: /VerifyUserOTP  
Method: POST

Request Body:

{

"email": "string",

"otp": number

}

Success Response:

{

"id": number,

"message": "<success message>"

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "<error code>"

}

}

### 1.6 Refresh Token

Endpoint: /RefreshToken  
Method: POST

Headers:

{

"userId": "number",

"accessToken": "string"

}

Request Body:

{

"accessToken": "string",

"refreshToken": "string"

}

Success Response:

{

"status": "true",

"data": {

"accessToken": "string",

"refreshToken": "string"

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "<error code>"

}

}

### 1.7 Logout

Endpoint: User/LogOut  
Method: POST

Headers:

{

"userId": "number",

"accessToken": "string"

}

Request Body:

{}

Success Response:

{

"status": "true",

"data": {

"message": "User logged out successfully."

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "<error code>"

}

}

## 2. Client Management

### 2.1 Get All Clients

Endpoint: /GetAllClients  
Method: GET

Headers:

{

"userId": "number",

"accessToken": "string"

}

Success Response:

{

"status": "true",

"data": {

"clients": [

{

"Name": "number",

"aadhar": "number",

"Username": "string",

"fullName": "string",

"emailId": "string",

"Balance": "number"

},

{

"Name": "number",

"aadhar": "number",

"Username": "string",

"fullName": "string",

"emailId": "string",

"Balance": "number"

}

]

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "400/500"

}

}

### 2.2 Get Client By ID

Endpoint: /GetClientById  
Method: POST

Headers:

{

"userId": "number",

"accessToken": "string"

}

Request Body:

{

"ClientId": number

}

Success Response**:**

{

"status": "true",

"data": {

"aadhar": "number",

"Username": "string",

"fullName": "string",

"emailId": "string",

"Balance": "number"

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "400/500"

}

}

### 2.3 Add Client

Endpoint: /AddClient  
Method: POST

Headers:

{

"userId": "number",

"accessToken": "string"

}

Request Body:

{

"userName": "string",

"ownerName": "string",

"email": "string",

"aadharNumber": "string",

"mobileNumber": "string"

}

Success Response:

{

"status": "true",

"data": {

"id": number,

"message": "<message>"

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "400/500"

}

}

### 2.4 Update Client

Endpoint: /UpdateClient  
Method: PUT

Headers:

{

"userId": "number",

"accessToken": "string"

}

Request Body:

{

"id": number,

"ownerName": "string",

"email": "string",

"aadharNumber": "string",

"mobileNumber": "string"

}

Success Response:

{

"status": "true",

"data": {

"id": number,

"message": "<message>"

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "400/500"

}

}

### 2.5 Delete Client

Endpoint: /DeleteClient  
Method: DELETE

Headers:

{

"userId": "number",

"accessToken": "string"

}

Request Body:

{

"Id": number

}

Success Response:

{

"status": "true",

"data": {

"id": number,

"message": "<message>"

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "400/500"

}

}

## 3. Wallet Operations

### 3.1 Add Money to Wallet

Endpoint: /AddMoney  
Method: POST

Header Parameters:

{

"userId": "number",

"accessToken": "string"

}

Request Body:

{

"clientId": number,

"amount": decimal

}

Success Response:

{

"status": "true",

"data": {

"clientId": number,

"message": "Money added successfully."

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "400/500"

}

}

### 3.2 Withdraw Money from Wallet

Endpoint: /WithdrawMoney  
Method: POST

Header Parameters:

{

"userId": "number",

"accessToken": "string"

}

Request Body:

{

"clientId": number,

"amount": decimal

}

Success Response:

{

"status": "true",

"data": {

"clientId": number,

"message": "Amount Withdraw successfully"

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "400/500"

}

}

### 3.3 Transfer Money by Username

Endpoint: /SendToUser  
Method: POST

Header Parameters:

{

"userId": "number",

"accessToken": "string"

}

Request Body:

{

"senderUsername": "string",

"receiverUsername": "string",

"amount": decimal

}

Success Response:

{

"status": "true",

"data": {

"message": "<message>",

Amount: <amount>"

}

}

Failure Response:

{

"status": "false",

"error": {

"message": "<error message>",

"code": "400/500"

}

}