

# User App Documentation

Base URL : <http://localhost:8081>

## 1. Add User

Method	POST
URL	{baseUrl}/user-app/api/v1/user
Sample Request For Parent	<pre>{   "firstName": "Jon",   "lastName": "Doe",   "userType": "PARENT",   "state": "GULSHAN",   "parentId": null,   "city": "Dhaka",   "street": "Circular Road",   "zipCode": 1234 }</pre>
Sample Response for Parent	<pre>{   "userInfoWithAddress": [     {       "userId": 8,       "firstName": "Jon",       "lastName": "Doe",       "userType": "PARENT",       "addressId": 7,       "state": "GULSHAN",       "city": "Dhaka",       "street": "Circular Road",       "zipCode": "1234"     }   ] }</pre>
Sample Request For CHILD	<pre>{   "firstName": "Danial",   "lastName": "Garnier",   "userType": "CHILD",   "state": null,   "parentId": 8,   "city": null,   "street": null,   "zipCode": null }</pre>

<p>Sample Response for CHILD</p>	<pre>{   "userInfoWithAddress": [     {       "userId": 9,       "firstName": "Danial",       "lastName": "Garnier",       "userType": "CHILD",       "addressId": 7,       "state": "GULSHAN",       "city": "Dhaka",       "street": "Circular Road",       "zipCode": "1234"     },     {       "userId": 8,       "firstName": "Jon",       "lastName": "Doe",       "userType": "PARENT",       "addressId": 7,       "state": "GULSHAN",       "city": "Dhaka",       "street": "Circular Road",       "zipCode": "1234"     }   ] }</pre>
<p>Sample Request For CHILD</p>	<pre>{   "firstName": "Dip",   "lastName": "Ashik",   "userType": "CHILD",   "parentId": 99,   "state": "KURIL",   "city": "Dhaka",   "street": "Circular Road",   "zipCode": "1233" }</pre>
<p>Sample Response for CHILD</p>	<pre>{   "timestamp": "2023-02-03 20:25:32",   "status": 404,   "message": "Parent Not Exist" }</pre>

## 2. Update User

Method	PUT
URL	{baseUrl}/user-app/api/v1/user/{userId}
Sample Request URL	{baseUrl}/user-app/api/v1/user/8
Sample Request For Parent user to Child	<pre>{   "firstName": "Jon",   "lastName": "Doe",   "userType": "CHILD",   "parentId": 8,   "state": "GULSHAN",   "city": "Dhaka",   "street": "Circular Road",   "zipCode": "1234" }</pre>
Sample Response for Parent user to Child	<pre>{   "timestamp": "2023-02-03 20:07:02",   "status": 403,   "message": "Action Forbidden. Please Delete Associated Children First" }</pre>
Sample Request URL	{baseUrl}/user-app/api/v1/user/9
Sample Request For CHILD user to PARENT	<pre>{   "firstName": "Danial",   "lastName": "Garnier",   "userType": "PARENT",   "parentId": null,   "state": "MALIBAGH",   "city": "DHAKA",   "street": "Railgate",   "zipCode": "1232" }</pre>
Sample Response For CHILD user to PARENT	<pre>{   "userInfoWithAddress": [     {       "userId": 9,       "firstName": "Danial",       "lastName": "Garnier",       "userType": "PARENT",       "addressId": 8,       "state": "MALIBAGH",       "city": "DHAKA",       "street": "Railgate",       "zipCode": "1232"     },     { </pre>

	<pre>         "userId": 8,         "firstName": "Jon",         "lastName": "Doe",         "userType": "PARENT",         "addressId": 7,         "state": "GULSHAN",         "city": "Dhaka",         "street": "Circular Road",         "zipCode": "1234"       }     ]   } </pre>
Sample Request URL	{baseUrl}/user-app/api/v1/user/9
Update User Address Request for Parent	<pre> {   "firstName": "Danial",   "lastName": "Garnier",   "userType": "PARENT",   "parentId": null,   "state": "Manila Bay",   "city": "Manila",   "street": "551 Padre Faura Street Ermita 1000",   "zipCode": "1006" } </pre>
Update User Address Response for Parent	<pre> {   "userInfoWithAddress": [     {       "userId": 9,       "firstName": "Danial",       "lastName": "Garnier",       "userType": "PARENT",       "addressId": 8,       "state": "Manila Bay",       "city": "Manila",       "street": "551 Padre Faura Street Ermita 1000",       "zipCode": "1006"     },     {       "userId": 8,       "firstName": "Jon",       "lastName": "Doe",       "userType": "PARENT",       "addressId": 7,       "state": "GULSHAN",       "city": "Dhaka",       "street": "Circular Road",       "zipCode": "1234"     }   ] } </pre>

	<pre> }</pre>
CHILD USER Info	<pre> {     "userId": 10,     "firstName": "Dip",     "lastName": "Ashik",     "userType": "CHILD",     "addressId": 8,     "state": "Manila Bay",     "city": "Manila",     "street": "551 Padre Faura Street Ermita 1000",     "zipCode": "1006" }</pre>
Sample Request URL	{baseUrl}/user-app/api/v1/user/10
UPDATE CHILD USER ADDRESS REQUEST	<pre> {     "firstName": "Dip",     "lastName": "Ashik",     "userType": "CHILD",     "parentId": 9,     "state": "MOHAMMADPUR",     "city": "DHAKA",     "street": "MAKBUL COLLEGE",     "zipCode": "1234" }</pre>
UPDATE CHILD USER ADDRESS RESPONSE	<pre> {     "userInfoWithAddress": [         {             "userId": 10,             "firstName": "Dip",             "lastName": "Ashik",             "userType": "CHILD",             "addressId": 8,             "state": "Manila Bay",             "city": "Manila",             "street": "551 Padre Faura Street Ermita 1000",             "zipCode": "1006"         },         {             "userId": 8,             "firstName": "Jon",             "lastName": "Doe",             "userType": "PARENT",             "addressId": 7,             "state": "GULSHAN",             "city": "Dhaka",             "street": "Circular Road",             "zipCode": "1234"         },         { </pre>

	<pre>         "userId": 9,         "firstName": "Danial",         "lastName": "Garnier",         "userType": "PARENT",         "addressId": 8,         "state": "Manila Bay",         "city": "Manila",         "street": "551 Padre Faura Street Ermita 1000",         "zipCode": "1006"       }     ]   } </pre>
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### 3. Get All User

Method	GET
URL	{baseUrl}/user-app/api/v1/user
Sample Response	<pre> {   "userInfoWithAddress": [     {       "userId": 8,       "firstName": "Jon",       "lastName": "Doe",       "userType": "PARENT",       "addressId": 7,       "state": "GULSHAN",       "city": "Dhaka",       "street": "Circular Road",       "zipCode": "1234"     },     {       "userId": 9,       "firstName": "Danial",       "lastName": "Garnier",       "userType": "CHILD",       "addressId": 7,       "state": "GULSHAN",       "city": "Dhaka",       "street": "Circular Road",       "zipCode": "1234"     }   ] } </pre>

#### 4. Get User By User Type

Method	GET
URL	{baseUrl}/user-app/api/v1/user/type/{userType}
REQUEST URL	{baseUrl}/user-app/api/v1/user/type/PARENT
Sample Response	<pre>{   "userInfoWithAddress": [     {       "userId": 8,       "firstName": "Jon",       "lastName": "Doe",       "userType": "PARENT",       "addressId": 7,       "state": "GULSHAN",       "city": "Dhaka",       "street": "Circular Road",       "zipCode": "1234"     },     {       "userId": 9,       "firstName": "Danial",       "lastName": "Garnier",       "userType": "PARENT",       "addressId": 8,       "state": "Manila Bay",       "city": "Manila",       "street": "551 Padre Faura Street Ermita 1000",       "zipCode": "1006"     }   ] }</pre>

## 5. Delete User

Method	DELETE
URL	{baseUrl}/user-app/api/v1/user/{userId}
REQUEST URL	{baseUrl}/user-app/api/v1/user/9
Sample Response	<pre>{   "timestamp": "2023-02-03 20:44:27",   "status": 403,   "message": "Action Forbidden. Please Delete Associated Children First" }</pre>
REQUEST URL	{baseUrl}/user-app/api/v1/user/8
Sample Response	<pre>{   "userInfoWithAddress": [     {       "userId": 10,       "firstName": "Dip",       "lastName": "Ashik",       "userType": "CHILD",       "addressId": 8,       "state": "Manila Bay",       "city": "Manila",       "street": "551 Padre Faura Street Ermita 1000",       "zipCode": "1006"     },     {       "userId": 9,       "firstName": "Danial",       "lastName": "Garnier",       "userType": "PARENT",       "addressId": 8,       "state": "Manila Bay",       "city": "Manila",       "street": "551 Padre Faura Street Ermita 1000",       "zipCode": "1006"     }   ] }</pre>

## 6. Get User By Id

Method	GET
URL	{baseUrl}/user-app/api/v1/user/{userId}
REQUEST URL	{baseUrl}/user-app/api/v1/user/9
Sample Response	<pre>{   "userInfoWithAddress": [</pre>



	<pre>{   "userId": 9,   "firstName": "Danial",   "lastName": "Garnier",   "userType": "PARENT",   "addressId": 8,   "state": "Manila Bay",   "city": "Manila",   "street": "551 Padre Faura Street Ermita 1000",   "zipCode": "1006" }</pre>
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SQL:

```
CREATE TABLE IF NOT EXISTS user_app.address
(
  id          BIGSERIAL PRIMARY KEY,
  state VARCHAR(255) NOT NULL,
  city VARCHAR(255) NOT NULL,
  street VARCHAR(255) NOT NULL,
  zip_code VARCHAR(255) NOT NULL,
  updated_at VARCHAR(150)
);
```

```
CREATE TABLE IF NOT EXISTS user_app.user_info
(
  id          BIGSERIAL PRIMARY KEY,
  first_name VARCHAR(255) NOT NULL,
  last_name VARCHAR(255) NOT NULL,
  address BIGINT not null,
  user_type VARCHAR(255) NOT NULL,
  updated_at VARCHAR(150)
);
```