

User App Documentation

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

1. Add User

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| 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> |

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| Sample Request For CHILD | <pre>{ "firstName": "Danial", "lastName": "Garnier", "userType": "CHILD", "state": null, "parentId": 8, "city": null, "street": null, "zipCode": null }</pre> |
| Sample Response for CHILD | <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> |

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| Sample Request For CHILD | <pre>{ "firstName": "Dip", "lastName": "Ashik", "userType": "CHILD", "parentId": 99, "state": "KURIL", "city": "Dhaka", "street": "Circular Road", "zipCode": "1233" }</pre> |
| Sample Response for CHILD | <pre>{ "timestamp": "2023-02-03 20:25:32", "status": 404, "message": "Parent Not Exist" }</pre> |

2. Update User

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| 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> |

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| 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" }, { "userId": 8, "firstName": "Jon", "lastName": "Doe", </pre> |

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| | <pre> "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", </pre> |

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| | <pre> "lastName": "Doe", "userType": "PARENT", "addressId": 7, "state": "GULSHAN", "city": "Dhaka", "street": "Circular Road", "zipCode": "1234" }] } </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

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

3. Get All User

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| 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

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|-----------------|--|
| 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

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|-----------------|---|
| 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": [{ "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> |

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)
);
```