

GET /users/

Implementation Notes

This endpoint returns all the users in the database.

This endpoint has no parameters.

Response Class (Status 200)

This endpoint returns an array of Users.

Example Value:

```
[
  {
    "numberOfRaffleCoupons": 4,
    "_id": "6036e9c0b474242bc4f4a1c6",
    "name": "Manan Gupta",
    "email": "manan17372@iitd.ac.in",
    "__v": 0
  }, {
    "numberOfRaffleCoupons": 0,
    "_id": "603784cc9c4fcb62acca854b",
    "name": "Guru",
    "email": "g@gmail.com",
    "__v": 0
  }
]
```

Response Class (Status 500): Error Handling

GET /users/<id>

Implementation Notes

This endpoint returns a user by ID.

This endpoint has 1 parameter.

Parameter: id

Required: True

Description: Unique ID identifies each user

Parameter Type: String

Response Class (Status 200)

This endpoint returns a single user.

Example Response:

```
{
  "numberOfRaffleCoupons": 4,
  "_id": "6036e9c0b474242bc4f4a1c6",
  "name": "Manan Gupta",
  "email": "manan17372@iiitd.ac.in",
  "__v": 0
}
```

Response Class (Status 500): Error Handling

POST /users/

Implementation Notes

This endpoint adds a new user to the database.

This endpoint has no parameters.

Request Body:

```
{  
  "name": "Manan Gupta",  
  "email": "manan17372@iiitd.ac.in"  
}
```

Response Class (Status 200)

This endpoint returns a single user.

Example Response:

```
{  
  "numberOfRaffleCoupons": 0,  
  "_id": "603797cea563af8a80afc211",  
  "name": "Manan Gupta",  
  "email": "manan17372@iiitd.ac.in",  
  "__v": 0  
}
```

Response Class (Status 500): Error Handling

PUT /users/<id>/newRaffle

Implementation Notes

This endpoint gives 1 coupon to a user by ID.

This endpoint has 1 parameter.

Parameter: id

Required: True

Description: Unique ID identifies each user

Parameter Type: String

Response Class (Status 200)

This endpoint returns a single user.

Example Response:

```
{
  "numberOfRaffleCoupons": 5,
  "_id": "6036e9c0b474242bc4f4a1c6",
  "name": "Manan Gupta",
  "email": "manan17372@iiitd.ac.in",
  "__v": 0
}
```

Response Class (Status 500): Error Handling

PUT /users/<id>/enrollRaffle

Implementation Notes

This endpoint enrolls a user by ID into the upcoming raffle draw event.

This endpoint has 1 parameter.

Parameter: id

Required: True

Description: Unique ID identifies each user

Parameter Type: String

Response Class (Status 200)

This endpoint returns a single user.

Example Response:

```
{
  "numberOfRaffleCoupons": 5,
  "_id": "6036e9c0b474242bc4f4a1c6",
  "name": "Manan Gupta",
  "email": "manan17372@iiitd.ac.in",
  "__v": 0
}
```

Response Class (Status 500): Error Handling

GET /events/

Implementation Notes

This endpoint returns all of the events in the database.

This endpoint has no parameters.

Response Class (Status 200)

This endpoint returns a list of events.

Example Response:

```
[
  {
    "enrolledUsers": [],
    "winner": null,
    "_id": "603798f5a563af8a80afc213",
    "date": "2021-02-20T18:30:00.000Z",
    "reward": "Mac12",
    "__v": 0
  },
  {
    "enrolledUsers": [],
    "winner": null,
    "_id": "60379a18a563af8a80afc215",
    "date": "2021-02-22T18:30:00.000Z",
    "reward": "XBOX 12",
    "__v": 0
  }
]
```

Response Class (Status 500): Error Handling

GET /events/<id>

Implementation Notes

This endpoint returns a single event by ID from the database.

This endpoint has 1 parameter.

Parameter: id

Required: True

Description: Unique ID identifies each event

Parameter Type: String

Response Class (Status 200)

This endpoint returns a single event.

Example Response:

```
{
  "enrolledUsers": [],
  "winner": null,
  "_id": "603798f5a563af8a80afc213",
  "date": "2021-02-20T18:30:00.000Z",
  "reward": "Mac12",
  "__v": 0
}
```

Response Class (Status 500): Error Handling

POST /events/

Implementation Notes

This endpoint adds a new event to the database.

This endpoint has no parameters.

Example Request Body:

```
{  
  "reward": "Mac12",  
  "date": "2021-2-21"  
}
```

Response Class (Status 200)

This endpoint returns a single event.

Example Response:

```
{  
  "enrolledUsers": [],  
  "winner": null,  
  "_id": "603798f5a563af8a80afc213",  
  "date": "2021-02-20T18:30:00.000Z",  
  "reward": "Mac12",  
  "__v": 0  
}
```

Response Class (Status 500): Error Handling{

GET /events/<id>/declareWinner

This endpoint declares a winner from the event by ID.

This endpoint has 1 parameter.

Parameter: id

Required: True

Description: Unique ID identifies each event

Parameter Type: String

Response Class (Status 200)

This endpoint returns JSON data.

Example Response:

```
{
  "numberOfRaffleCoupons": 2,
  "_id": "603797cea563af8a80afc211",
  "name": "Manan Gupta",
  "email": "manan17372@iiitd.ac.in",
  "__v": 0
}
```

Response Class (Status 500): Error Handling{

GET /events/winners

This endpoint returns all the winners from last week.

This endpoint has 0 parameters.

Response Class (Status 200)

This endpoint returns a list of JSON data from winners.

Example Response:

```
{  
  "name": "Manan Gupta",  
  "date": "2021-02-20T18:30:00.000Z",  
  "reward": "Mac 12",  
  "___v": 0  
}
```

Response Class (Status 500): Error Handling{