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@iiitd.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 can take either no parameter, the **?nextEvent** parameter or the **?winners** parameter.

nextEvent = True: Returns the upcoming event.
winners = True: Returns all the winners from last week.

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