ZSSN (Zombie Survival Social Network)

Documentation

POST http://localhost:3000/survivors

http://localhost:3000/survivors

Headers

Content-Type   application/json

raw (application/json)

```
{
        "name":"Naiguel",
        "age":"28",
        "gender":"M",
        "latitude":"-29.6874904,",
        "longitude":"-53.8099161",
        "inventories_attributes":[
                {
                "item":"Water",
                "quantity":1
                },
                {
                "item":"Medication",
                "quantity":1
                }
        ]
}
```

Example Requesthttp://localhost:3000/survivors

Example Response201 Created

```json
{
  "id": 64,
  "name": "Naiguel",
  "age": 28,
  "gender": "M",
  "latitude": -29.6874904,
  "longitude": -53.8099161,
  "is_infected": false,
  "contamination_count": 0,
  "inventories": [
    {
      "item": "Water",
      "quantity": 1,
      "points": 4
    },
    {
      "item": "Medication",
      "quantity": 1,
      "points": 2
    }
  ]
}
```

GET http://localhost:3000/survivors

http://localhost:3000/survivors

Headers

Content-Type	application/json

Example Response200 OK

```json
[
  {
    "id": 64,
    "name": "Naiguel",
    "age": 28,
    "gender": "M",
    "latitude": -29.6874904,
    "longitude": -53.8099161,
    "is_infected": false,
    "contamination_count": 0,
    "inventories": [
      {
        "item": "Water",
        "quantity": 1,
        "points": 4
      },
      {
        "item": "Medication",
        "quantity": 1,
        "points": 2
      }
    ]
  }
]
```

PUT http://localhost:3000/survivors/64

http://localhost:3000/survivors/64

Headers

Content-Type   application/json

Body

raw (application/json)

```
{
    "survivor":
    {
        "latitude": "−28.2827842",
        "longitude": "−52.3685962,"
    }
}
```

POST http://localhost:3000/survivors/64/report_infection

http://localhost:3000/survivors/64/report_infection

Headers

Content-Type   application/json

Example Response200 OK

```
{
  "message": "Survivor reported as infected 1 times"
}
```

POST http://localhost:3000/trade

http://localhost:3000/trade

Headers

Content-Type   application/json

Body

raw (application/json)

```
{
  "trade": {
    "survivor_one": {
      "id": 64,
      "inventories": [
        {
          "item": "Water",
          "quantity": 1
        },
        {
          "item": "Medication",
          "quantity": 1
        }
      ]
    },
    "survivor_two": {
      "id": 65,
      "inventories": [
        {
          "item": "Ammunition",
          "quantity": 6
        }
      ]
    }
  }
}
```

Example Response404 Not Found

```
{
  "error": "Survivor with id [65] cannot be found in the system"
}
```

POST http://localhost:3000/trade

http://localhost:3000/trade

Headers

Content-Type	application/json

Body

raw (application/json)

```json
{
  "trade": {
    "survivor_one": {
      "id": 64,
      "inventories": [
        {
          "item": "Water",
          "quantity": 1
        },
        {
          "item": "Medication",
          "quantity": 1
        }
      ]
    },
    "survivor_two": {
      "id": 62,
      "inventories": [
        {
          "item": "Medication",
          "quantity": 2
        }
      ]
    }
  }
}
```

Example Response409 Conflict

```json
{
  "error": "Survivor with id=65 Name='Naiguel Santos' is infected!"
}
```

POST http://localhost:3000/trade

http://localhost:3000/trade

Headers

Content-Type   application/json

Body

raw (application/json)

```json
{
  "trade": {
    "survivor_one": {
      "id": 64,
      "inventories": [
        {
          "item": "Water",
          "quantity": 1
        },
        {
          "item": "Medication",
          "quantity": 1
        }
      ]
    },
    "survivor_two": {
      "id": 62,
      "inventories": [
        {
          "item": "Medication",
          "quantity": 2
        }
      ]
    }
  }
}
```

Example Response409 Conflict

```json
{
  "error": "Survivor with id='62' doesn't have enough item='Medication' "
}
```

POST http://localhost:3000/trade

http://localhost:3000/trade

Headers

Content-Type	application/json

Body

raw (application/json)

```
{
  "trade": {
    "survivor_one": {
      "id": 64,
      "inventories": [
        {
          "item": "Water",
          "quantity": 1
        }
      ]
    },
    "survivor_two": {
      "id": 62,
      "inventories": [
        {
          "item": "Medication",
          "quantity": 1
        }
      ]
    }
  }
}
```

Example Response400 Bad Request

```
{
  "error": "Both sides of the trade should offer the same amount of points."
}
```

POST http://localhost:3000/trade

http://localhost:3000/trade

Headers

Content-Type	application/json

Body

raw (application/json)

```
{
  "trade": {
    "survivor_one": {
      "id": 66,
      "inventories": [
        {
          "item": "Food",
          "quantity": 1
        },
        {
          "item": "Medication",
          "quantity": 1
        }
      ]
    },
    "survivor_two": {
      "id": 67,
      "inventories": [
        {
          "item": "Water",
          "quantity": 1
        },
        {
          "item": "Ammunition",
          "quantity": 1
        }
      ]
    }
  }
}
```

Example Request

Example Response200 OK

```
{
  "message": "Trade successfully completed"
}
```

GET http://localhost:3000/reports/infected

http://localhost:3000/reports/non-infected

Example Request

Example Response200 OK

```
{
  "percentage": "11.11%"
}
```

GET http://localhost:3000/reports/non-infected

http://localhost:3000/reports/non-infected

Example Request

Example Response200 OK

```
{
  "percentage": "88.89%"
}
```

GET http://localhost:3000/reports/inventories

Example Response200 OK

```
{
  "water": 0.875,
  "food": 0.25,
  "medication": 0.875,
  "ammunition": 0.625
}
```

GET http://localhost:3000/reports/points

Example Response200 OK

```
{
  "lostPoints": 6
}
```