

Jecca Arthur  
CS296N  
Lab 7

## Postman Tests

### MessageController:

**GET (all):** https://localhost:5001/api/message

#### Response:

```
[
  {
    "messageID": 1,
    "sender": {
      "name": "Jon Snow",
      "roleNames": null,
      "id": "3297f413-dbf3-4ea1-9fc8-66a6bdf5a004",
      "userName": "jonSnow",
      "normalizedUserName": null,
      "email": null,
      "normalizedEmail": null,
      "emailConfirmed": false,
      "passwordHash": null,
      "securityStamp": "9fcb3618-b1c7-486b-a09d-4a4eb0912de5",
      "concurrencyStamp": "aa26b78a-8c83-4f66-8674-5ca8c3ed2a71",
      "phoneNumber": null,
      "phoneNumberConfirmed": false,
      "twoFactorEnabled": false,
      "lockoutEnd": null,
      "lockoutEnabled": false,
      "accessFailedCount": 0
    },
    "recipient": {
      "name": "Daenerys Targaryen",
      "roleNames": null,
      "id": "14d0e1a4-50a6-4306-9f1e-220360ae5e0a",
      "userName": "dany",
      "normalizedUserName": null,
      "email": null,
      "normalizedEmail": null
    }
  }
]
```

```
    "emailConfirmed": false,
    "passwordHash": null,
    "securityStamp": "0688365e-abe8-4e22-8d11-55613703510c",
    "concurrencyStamp": "c273e232-1609-4230-b728-a4eba2e2344b",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": false,
    "accessFailedCount": 0
  },
  "subject": "Welcome!",
  "body": "I hope you enjoy Winterfell!",
  "date": "2020-11-01T00:00:00",
  "replies": [
    {
      "replyID": 1,
      "user": {
        "name": "Site Admin",
        "roleNames": null,
        "id": "4bab9144-b25f-4efc-848f-a6b08ee745aa",
        "userName": "SiteAdmin",
        "normalizedUserName": "SITEADMIN",
        "email": null,
        "normalizedEmail": null,
        "emailConfirmed": false,
        "passwordHash":
"AQAAAAEAACcQAAAAEJgf1xoMEcxWAI4IAAnabXR6ZFpZ04HNqvMpAgc7/QTlli1YR+bHqmzzJyUhe9+nr
w==",
        "securityStamp": "DFHCTYJPGROPIWYLPPMOEKROW2APWCRG",
        "concurrencyStamp": "a26b7397-057d-4eba-b8a2-862169d99b70",
        "phoneNumber": null,
        "phoneNumberConfirmed": false,
        "twoFactorEnabled": false,
        "lockoutEnd": null,
        "lockoutEnabled": true,
        "accessFailedCount": 0
      }
    }
  ]
}
```

```
    },
    "replyText": "Here's a reply",
    "date": "2021-03-02T16:43:58.934938"
  }
]
},
{
  "messageID": 2,
  "sender": {
    "name": "Arya Stark",
    "roleNames": null,
    "id": "7d0ddb4d-1c2e-415a-b3b2-32712965d461",
    "userName": "arya",
    "normalizedUserName": null,
    "email": null,
    "normalizedEmail": null,
    "emailConfirmed": false,
    "passwordHash": null,
    "securityStamp": "e2b41353-9c71-4816-a578-b0af18c6d027",
    "concurrencyStamp": "102546a6-9f47-41a3-b48b-7a6abed21903",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": false,
    "accessFailedCount": 0
  },
  "recipient": {
    "name": "Brienne of Tarth",
    "roleNames": null,
    "id": "38781bf7-611a-4385-8354-8f4eff311e3c",
    "userName": "brienne",
    "normalizedUserName": null,
    "email": null,
    "normalizedEmail": null,
    "emailConfirmed": false,
    "passwordHash": null,
  }
}
```

```
    "securityStamp": "05fe1946-3945-4c64-9f6c-511a8c6efcf7",
    "concurrencyStamp": "4b79ac85-8fd5-4c4d-acb3-31bdf9a406e",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": false,
    "accessFailedCount": 0
  },
  "subject": "Water dancing",
  "body": "Meet me in the courtyard for practice",
  "date": "2020-11-15T00:00:00",
  "replies": []
},
{
  "messageID": 3,
  "sender": null,
  "recipient": {
    "name": "Misha",
    "roleNames": null,
    "id": "09f2d933-0657-403e-b468-057c7949608d",
    "userName": null,
    "normalizedUserName": null,
    "email": null,
    "normalizedEmail": null,
    "emailConfirmed": false,
    "passwordHash": null,
    "securityStamp": "ee51eb79-bb11-484e-8931-de6f136f2094",
    "concurrencyStamp": "eba9975b-8010-4cee-9843-87d6b4f48f93",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": false,
    "accessFailedCount": 0
  },
  "subject": "API Message Test",
```

```

    "body": "Testing message POST request.",
    "date": "0001-01-01T00:00:00",
    "replies": []
  },
  {
    "messageID": 4,
    "sender": null,
    "recipient": {
      "name": "Misha",
      "roleNames": null,
      "id": "48dcab3b-5ab0-41bf-ae56-31a48ebebe7b",
      "userName": null,
      "normalizedUserName": null,
      "email": null,
      "normalizedEmail": null,
      "emailConfirmed": false,
      "passwordHash": null,
      "securityStamp": "96fa0c7c-d7c0-477d-aa63-a249d3b88f05",
      "concurrencyStamp": "a84e5ee0-5108-4e1b-94ee-ed104fd4a18a",
      "phoneNumber": null,
      "phoneNumberConfirmed": false,
      "twoFactorEnabled": false,
      "lockoutEnd": null,
      "lockoutEnabled": false,
      "accessFailedCount": 0
    },
    "subject": "API Message Test",
    "body": "Testing message POST request.",
    "date": "0001-01-01T00:00:00",
    "replies": []
  }
]

```

**GET (by ID):** <https://localhost:5001/api/message/5>

**Response:**

```

{
  "messageID": 5,

```

```
"sender": {
  "name": "Jecca",
  "roleNames": null,
  "id": "854afb7e-7138-441d-a9db-c9e3c40517b3",
  "userName": null,
  "normalizedUserName": null,
  "email": null,
  "normalizedEmail": null,
  "emailConfirmed": false,
  "passwordHash": null,
  "securityStamp": "448bd862-f48c-4256-abe8-27980a9d645f",
  "concurrencyStamp": "a7ee2340-136b-41b6-986a-e8326d9628f6",
  "phoneNumber": null,
  "phoneNumberConfirmed": false,
  "twoFactorEnabled": false,
  "lockoutEnd": null,
  "lockoutEnabled": false,
  "accessFailedCount": 0
},
"recipient": {
  "name": "Misha",
  "roleNames": null,
  "id": "30803019-2676-4cde-be3f-796de93170d3",
  "userName": null,
  "normalizedUserName": null,
  "email": null,
  "normalizedEmail": null,
  "emailConfirmed": false,
  "passwordHash": null,
  "securityStamp": "a750653c-2df1-48f6-9f77-23fc899cb49b",
  "concurrencyStamp": "88be2611-ad8e-4f81-9965-06ed9534b93d",
  "phoneNumber": null,
  "phoneNumberConfirmed": false,
  "twoFactorEnabled": false,
  "lockoutEnd": null,
  "lockoutEnabled": false,
  "accessFailedCount": 0
}
```

```
},
"subject": "API Message Test",
"body": "Testing put method.",
"date": "2021-03-03T15:33:10.371416",
"replies": []
}
```

**POST:** https://localhost:5001/api/message

**Request:**

```
{
  "sender": { "name": "Jecca" },
  "recipient": { "name": "Misha" },
  "subject": "API Message Test",
  "body": "Testing message POST request again to check date assignment."
}
```

**Response:**

```
{
  "messageID": 5,
  "sender": {
    "name": "Jecca",
    "roleNames": null,
    "id": "582719c0-cabb-44e7-94fd-54f02ca5fa5b",
    "userName": null,
    "normalizedUserName": null,
    "email": null,
    "normalizedEmail": null,
    "emailConfirmed": false,
    "passwordHash": null,
    "securityStamp": "197c4dda-e4b0-4137-8c71-59ffd5add84e",
    "concurrencyStamp": "5d13f614-51a8-44b0-ac3c-ffa41607dbce",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": false,
    "accessFailedCount": 0
  }
}
```

```

    },
    "recipient": {
      "name": "Misha",
      "roleNames": null,
      "id": "8b412ec0-fb84-4e98-9d4e-96e8c47acd07",
      "userName": null,
      "normalizedUserName": null,
      "email": null,
      "normalizedEmail": null,
      "emailConfirmed": false,
      "passwordHash": null,
      "securityStamp": "85d49e9c-88f4-4dd3-9de9-75dbf860e66c",
      "concurrencyStamp": "946752a9-1ddf-435c-b3ab-eebdbfc0045b",
      "phoneNumber": null,
      "phoneNumberConfirmed": false,
      "twoFactorEnabled": false,
      "lockoutEnd": null,
      "lockoutEnabled": false,
      "accessFailedCount": 0
    },
    "subject": "API Message Test",
    "body": "Testing message POST request again to check date assignment.",
    "date": "2021-03-03T15:33:10.371416-08:00",
    "replies": []
  }
}

```

**PUT:** https://localhost:5001/api/message/5

**Request:**

```

{
  "messageID": 5,
  "sender": { "name": "Jecca" },
  "recipient": { "name": "Misha" },
  "subject": "API Message Test",
  "body": "Testing put method.",
  "date": "2021-03-03T15:33:10.371416-08:00",
  "replies": []
}

```



## Response:

```
{
  "messageID": 5,
  "sender": {
    "name": "Jecca",
    "roleNames": null,
    "id": "854afb7e-7138-441d-a9db-c9e3c40517b3",
    "userName": null,
    "normalizedUserName": null,
    "email": null,
    "normalizedEmail": null,
    "emailConfirmed": false,
    "passwordHash": null,
    "securityStamp": "448bd862-f48c-4256-abe8-27980a9d645f",
    "concurrencyStamp": "a7ee2340-136b-41b6-986a-e8326d9628f6",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": false,
    "accessFailedCount": 0
  },
  "recipient": {
    "name": "Misha",
    "roleNames": null,
    "id": "30803019-2676-4cde-be3f-796de93170d3",
    "userName": null,
    "normalizedUserName": null,
    "email": null,
    "normalizedEmail": null,
    "emailConfirmed": false,
    "passwordHash": null,
    "securityStamp": "a750653c-2df1-48f6-9f77-23fc899cb49b",
    "concurrencyStamp": "88be2611-ad8e-4f81-9965-06ed9534b93d",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
  }
}
```

```
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": false,
    "accessFailedCount": 0
  },
  "subject": "API Message Test",
  "body": "Testing put method.",
  "date": "2021-03-03T15:33:10.371416-08:00",
  "replies": []
}
```

**DELETE:** https://localhost:5001/api/message/5  
**Response:** 200 OK

**PATCH:** https://localhost:5001/api/message/3  
**Request:**

```
{
  "op": "replace",
  "path": "subject",
  "value": "Testing patch"
}
```

**Response:** 400 Bad Request

## ReplyController:

**GET (all):** https://localhost:5001/api/message

**Response:**

```
[
  {
    "replyID": 1,
    "user": {
      "name": "Site Admin",
      "roleNames": null,
      "id": "4bab9144-b25f-4efc-848f-a6b08ee745aa",
      "userName": "SiteAdmin",
      "normalizedUserName": "SITEADMIN",

```

```
    "email": null,
    "normalizedEmail": null,
    "emailConfirmed": false,
    "passwordHash":
"AQAAAAEAACcQAAAAEJgf1xoMEcxWAI4IAAnabXR6ZFpZ04HNqvMpAgc7/QTlli1YR+bHqmzzJyUhe9+nr
w==",
    "securityStamp": "DFHCTYJPGROPIWYLPPMOEKROW2APWCRG",
    "concurrencyStamp": "a26b7397-057d-4eba-b8a2-862169d99b70",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": true,
    "accessFailedCount": 0
  },
  "replyText": "Here's a reply",
  "date": "2021-03-02T16:43:58.934938"
},
{
  "replyID": 2,
  "user": {
    "name": "Jecca",
    "roleNames": null,
    "id": "e53d6775-ff86-4874-aac4-181ac6620897",
    "userName": null,
    "normalizedUserName": null,
    "email": null,
    "normalizedEmail": null,
    "emailConfirmed": false,
    "passwordHash": null,
    "securityStamp": "ca77932f-6339-47fa-a49f-166903d30026",
    "concurrencyStamp": "44ac8db0-5d60-4c28-831e-e0e23862cf17",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": false,
```

```
    "accessFailedCount": 0
  },
  "replyText": "Updated reply text",
  "date": "0001-01-01T00:00:00"
}
]
```

**GET (by ID):** <https://localhost:5001/api/reply/2>

**Response:**

```
{
  "replyID": 2,
  "user": {
    "name": "Jecca",
    "roleNames": null,
    "id": "f283e506-4257-402f-b102-8482774e352f",
    "userName": null,
    "normalizedUserName": null,
    "email": null,
    "normalizedEmail": null,
    "emailConfirmed": false,
    "passwordHash": null,
    "securityStamp": "95704cc0-eb47-4ba1-9f3b-9c137edfbe5a",
    "concurrencyStamp": "6bbd2a26-ea11-41ce-b3dc-2063f5360b59",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": false,
    "accessFailedCount": 0
  },
  "replyText": "Testing API POST",
  "date": "2021-03-03T18:25:55.246182"
}
```

**POST:** <https://localhost:5001/api/reply>

**Request:**

```
{  
  "user": { "name": "Jecca" },  
  "replyText": "Testing API POST"  
}
```

**Response:**

```
{  
  "replyID": 2,  
  "user": {  
    "name": "Jecca",  
    "roleNames": null,  
    "id": "f283e506-4257-402f-b102-8482774e352f",  
    "userName": null,  
    "normalizedUserName": null,  
    "email": null,  
    "normalizedEmail": null,  
    "emailConfirmed": false,  
    "passwordHash": null,  
    "securityStamp": "95704cc0-eb47-4ba1-9f3b-9c137edfbe5a",  
    "concurrencyStamp": "6bbd2a26-ea11-41ce-b3dc-2063f5360b59",  
    "phoneNumber": null,  
    "phoneNumberConfirmed": false,  
    "twoFactorEnabled": false,  
    "lockoutEnd": null,  
    "lockoutEnabled": false,  
    "accessFailedCount": 0  
  },  
  "replyText": "Testing API POST",  
  "date": "2021-03-03T18:25:55.246182-08:00"  
}
```

**PUT:** https://localhost:5001/api/reply/2

**Request:**

```
{  
  "user": { "name": "Jecca" },
```

```
    "replyText": "Updated reply text"
  }
}
```

### Response:

```
{
  "replyID": 2,
  "user": {
    "name": "Jecca",
    "roleNames": null,
    "id": "e53d6775-ff86-4874-aac4-181ac6620897",
    "userName": null,
    "normalizedUserName": null,
    "email": null,
    "normalizedEmail": null,
    "emailConfirmed": false,
    "passwordHash": null,
    "securityStamp": "ca77932f-6339-47fa-a49f-166903d30026",
    "concurrencyStamp": "44ac8db0-5d60-4c28-831e-e0e23862cf17",
    "phoneNumber": null,
    "phoneNumberConfirmed": false,
    "twoFactorEnabled": false,
    "lockoutEnd": null,
    "lockoutEnabled": false,
    "accessFailedCount": 0
  },
  "replyText": "Updated reply text",
  "date": "0001-01-01T00:00:00"
}
```

**DELETE:** <https://localhost:5001/api/reply/2>

**Response:** 200 OK

**PATCH:** <https://localhost:5001/api/reply/2>

### Request:

```
{
  "op": "replace",
```

```
"path": "replyText",  
"value": "Testing patch"  
}
```

**Response: 400 Bad Request**