**Summary of API EndPoint**

| **File** | **Description** | **Path** | **Request Body** | **Error (format)** | **Response Body** | **Request Type** |
| --- | --- | --- | --- | --- | --- | --- |
| media\_routes | Get images url | /media/image-url |  | {statuscode: 500,  Message: “bad request”} | {"configuration": {  "base\_url": "http://image.tmdb.org/t/p/",  "poster\_sizes": [  "w92",  "w154",  "w185",  "w342",  "w500",  "w780",  "original"  ],  "secure\_base\_url": "https://image.tmdb.org/t/p/"  },  "message": "Images url configuration retrieved",  "statuscode": 200  } | GET |
| authorization\_routes | Get token | /token | {  username: username,  password: password  } | {statuscode: 403,  Message: “Unauthorized”} | {statuscode: 201,  message: “generetaded used:  token: token} | POST |
| user\_routes | Create User | /users | {name: userName, email: userEmail, username: username,  password: password} | {statuscode: 400,  Message: “bad request”} | {statuscode: 201,  message: “User: {new\_user.username} created successfully.”,  user: {  id: userId,  name: userName,  email: userEmail,  username: user,  password: password  }  } | POST |
| user\_routes | Get User by Id | /users/<id> |  | {statuscode: 400,  Message: “bad request”} | {statuscode: 200,  message: “Successfully retrieved {username}”,  user: {  id: userId,  name: Name,  email: userEmail,  username: user  }  } | GET |
| user\_routes | Update user | /users/<id> | {name: userName, email: userEmail,  } | {statuscode: 400,  Message: “bad request”} | {statuscode: 200,  message: “Successfully updated {username}”,  user: {  id: userId,  name: userName,  email: userEmail,  username: user  }  } | PATCH |
| user\_routes | Delete user | /users/<id> |  | {statuscode: 400,  Message: “bad request”} | { statuscode: 200,  message: “User with id: <id> successfully deleted”  } | DELETE |
| user\_routes | Get user reviews | /users/<id>/reviews |  | {statuscode: 400,  Message: “bad request”} | {statuscode: 200,  message: “User <username> reviews retrieved successfully.”,  data: {  user: {  userId: userId  username: username} ,  reviews: [ {  media: { id: TMDB\_id, title: mediaTitle, isMovie: true/false}  content: theReview,  created: dateCreated,  rating: 1.0-10.0,  updated: dateUpdated,  fromTMDB:false  } { <<another review>>  } ]  } } | GET |
| user\_routes | Add media review | /users/<id>/reviews | { media: { TMDB\_id: TMDB\_id ,  isMovie: true/false,  title: mediaTitle }  content: theReview,  rating: 1.0-10.0,  } | {  statuscode: 400,  Message: “bad request”  } | {  statuscode: 201,  message: “Success creating review for user id: media id: ”,  data: {  user: { id: userId  username: username },  media: { id: TMDB\_id, title: mediaTitle, isMovie: true/false}  content: theReview,  created: dateCreated,  rating: 1.0-10.0,  updated: dateUpdated,  fromTMDB: false  } | POST |
| user\_routes | Update media review | /users/<id>/reviews | { media: { id: TMDB\_id ,  isMovie: true/false,  title: mediaTitle }  content: theReview,  rating: 1.0-10.0,  } | {  statuscode: 400,  Message: “bad request”  } | {  statuscode: 201,  message: “Success creating review for user id: media id: ”,  data: {  user: { id: userId  username: username },  media: { id: TMDB\_id, title: mediaTitle, isMovie: true/false}  content: theReview,  created: dateCreated,  rating: 1.0-10.0,  updated: dateUpdated,  fromTMDB: false  } | PATCH |
|  | **Movies** | | | | | |
| media\_routes | Get a movie by id | media/movies/<id> |  | {statuscode: 500, message: ‘server error’} | {statuscode: 200,  message: “Movie <name> retrieved successfully.”,  movie: {  id: MovieId,  title: movieTitle,  overview: briefsummary,  rating: 1.0-10.0,  genres: [ genre1, genre2, genre3],  posterUrl: (img url),  Original\_language: language,  runtime: (num minutes),  status: (Rumored, Planned, In Production, Post Production, Released, Canceled)  release\_date: date  }  } | GET |
| media\_routes | Get movie reviews | media/movies/<id>/reviews |  | {statuscode: 400,  Message: “bad request”} | {statuscode: 200,  message: “Movie <name> reviews retrieved successfully.”,  media : { id: id,  is\_movie: false,  TMDB\_id: tmdb\_id,  “Title”: title  }  reviews: [ {  user: {id: userId  username: username },  content: theReview,  created: dateCreated,  rating: 1.0-10.0,  updated: dateUpdated,  fromTMDB: true/false  } { <<another review>>  } ]  } | GET |
|  | **Media** | | | | | |
| media\_routes | Search media | /media/search | Queryparam query=”searchdata” | {statuscode: 400,  Message: “bad request”} | { statuscode: 200,  Message: “Success”,  movies: [ {  id: movieId,  title: Movietitle,  backdrop\_path: imageUrl,  release\_date: date  isMovie: true  },  {  <<another object>>  }  ],  Tvshows: [ {  id: tvshowId  title: tvTitle,  backdrop\_path: imageUrl, },  { <<another object >>}  ]  } | GET |
|  |  |  |  |  |  |  |
| media\_routes | Get top five movies | /media/top/movies |  |  | {  "message": "Top movies retrieved from TMDB",  "movies": {  "0": {  "TMDB\_id": id,  "isMovie": true,  "original\_language": "en",  "overview": "description",  "poster\_url": "/ngl2FKBlU4fhbdsrtdom9LVLBXw.jpg",  "rating": 7.889, "release\_date": "2023-02-10",  "runtime": "unknown",  "status": "unknown",  "title": "Ant-Man and the Wasp: Quantumania"  },  "1": { <next> }  }  } | GET |
| media\_routes | Get top five tv shows | /media/top/tvshows |  |  | {  "message": "Top TV shows retrieved from TMDB",  "statuscode": 200,  "tvshows": {  "0": {  "TMDB\_id": id, "backdrop\_path": path,  "isMovie": false,  "name": "name",  "overview": "brief-description",  "poster\_path": "path",  "rating": 8.82  },  "1": {<next\_tvshow> } } } | GET |
| media\_routes | Get TV Shows by id | media/tv/<id> |  |  | {statuscode: 200,  message: “TV show <name> retrieved successfully.”,  tvshow: {  id: tvshowId,  name: tvshowName,  overview: briefsummary,  rating: 1.0-10.0,  genres: [ genre1, genre2, genre3],  poster\_url: (img url),  original\_language: language,  episode\_runtime: [ ]  number\_of\_episodes: <number>  number\_of\_seasons: seasons  status: (Rumored, Planned, In Production, Post Production, Released, Canceled)  first\_air\_date: date,  last\_air\_date: date  providers: [ netflix, appleTV ]  }  } | GET |
| media\_routes | Get TV show reviews | media/tv/<id>/reviews |  | {statuscode: 400,  Message: “bad request”} | {statuscode: 200,  message: “TV show <name> reviews retrieved successfully.”,  id : tv\_id,  reviews: [ {  user: {id: userId  username: username },  content: theReview,  created: dateCreated,  rating: 1.0-10.0,  updated: dateUpdated,  fromTMDB: true/false  } { <<another review>>  } ]  } | GET |
|  | **Watchlist** | | | | | |
|  | watchlist by user | /users/<id>/watchlist |  |  | {"message": "Successfully getting <username> watchlist.",  "statuscode": 200,  "watchlist": [{  "id": 2,  "media": {  "TMDB\_id": id,  "id": 4,  "is\_movie": false,  "title": "The Last of Us"  },  "user": {  "id": 1,  "username": "user"  },  "watched": false  }, {<another entry>}  ]  } | GET |
|  | Watched list | /users/<id>/watched |  |  | {"message": "Successfully getting <username> watchlist.",  "statuscode": 200,  "watched": [{  "id": 2,  "media": {  "TMDB\_id": id,  "id": 4,  "is\_movie": false,  "title": "The Last of Us"  },  "user": {  "id": 1,  "username": "user"  },  "watched": true  }, {<another entry>}  ]  } | GET |
|  | Add media watchlist | /users/<id>/watchlist | { TMDB\_id: tmdb\_id,  isMovie: true/false,  title: title  } |  | {"entry": {  "id": 5,  "media": {  "TMDB\_id": id,  "id": 5,  "is\_movie": true,  "title": “title”  },  "user": {  "id": 1,  "username": "user"  },  "watched": false  },  "message": "Successfully adding November to <username> watchlist",  "statuscode": 201  } | POST |
|  | Add media watched | /users/<id>/watched | { TMDB\_id: tmdb\_id,  isMovie: true/false,  title: title  } |  | {"entry": {  "id": 5,  "media": {  "TMDB\_id": id,  "id": 5,  "is\_movie": true,  "title": “title”  },  "user": {  "id": 1,  "username": "user"  },  "watched": true  },  "message": "Successfully adding November to <username> watched list",  "statuscode": 201  } | POST |
|  | Delete media watchlist | /users/<id>/watchlist | { TMDB\_id: tmdb\_id,  isMovie: true/false,  } |  |  | DELETE |
|  | Delete media watched | /users/<id>/watched | { TMDB\_id: tmdb\_id,  isMovie: true/false,  } |  |  | DELETE |
|  | Send media from watchlist to watched | /users/<id>/to-watched | { TMDB\_id: tmdb\_id,  isMovie: true/false,  } |  |  | PATCH |
|  | Send media from watched to watchlist | /users/<id>/to-watchlist | { TMDB\_id: tmdb\_id,  isMovie: true/false,  } |  |  | PATCH |