

# Activity Service API 1.0

[ Base URL: /api/activity ]  
/api/activity/swagger.json

API documentation for Activity Service of the Distributed Systems project

## newsfeed Newsfeed operations

GET

/newsfeed/

Get the newsfeed data

▼

## watched Watched movie related operations

GET

/watched

Get a list of all watched movies for the requested users since the given timestamp

▼

GET

/watched/{movie\_id}

Get the watched status of a movie

▼

POST

/watched/{movie\_id}

Mark a movie as watched by the user

▼

Models

▼

# Users Service API 1.0

[ Base URL: /api/users ]  
/api/users/swagger.json

API documentation for the Users Service of the Distributed Systems project

## friends Friends operations

GET

/friends

Get the friends of the current user

▼

POST

/friends/{user\_name}

Add a friend to the current user

▼

DELETE

/friends/{user\_name}

Remove a friend from the current user

▼

## sign\_up Sign up operations

POST

/sign\_up

Handle the sign-up request

▼

## logout Logout operations

POST

/logout

Handle the logout request

▼

## retrieve User operations

GET

/retrieve

Get all users (including the current user if specified)

▼

GET

/retrieve/{user\_id}

Get the user with the given ID

▼

GET

/retrieve/{username}

Get the user with the given username

▼

## login Login operations

POST

/login

Handle the login request

▼

# Movies Service API <sup>1.0</sup>

[ Base URL: /api/movies ]  
/api/movies/swagger.json

API documentation for the Movie Service of the Distributed Systems project

Movie Operations		^
GET	/list	Get a list of movies automatically sorted by rating
GET	/movie_id	Get movie details by ID
Models		^

# Preference Service API <sup>1.0</sup>

[ Base URL: /api/preference ]  
/api/preference/swagger.json

API documentation for the Preference Service of the Distributed Systems project

## favorite Favorite movies related operations

GET	/favorite	Get the favorite movies of a user
DELETE	/favorite/movie_id	Remove a movie from the favorite list
POST	/favorite/movie_id	Add a movie to the favorite list
GET	/favorite/movie_id	Get the favorite status of a movie

## rating Rating operations

GET	/rating	Returns a list of ratings from the user
GET	/rating/friends	Get ratings from friends
GET	/rating/friends/friend_id	Get the reviews a friend has made
DELETE	/rating/movie_id	Delete a review from a movie
POST	/rating/movie_id	Add a review to a movie
GET	/rating/movie_id	Get the ratings of a movie

## recommendations Recommendation operations

GET	/recommendations	Get movie recommendations based on user ratings
GET	/recommendations/friends	Get movie recommendations based on what friends watched recently

## rating\_review Rating and review operations

GET	/rating_review	Get all the rating reviews for the current user
POST	/rating_review/rating_id	Post a review for a rating from a friend
GET	/rating_review/rating_id	Get all the rating reviews for a rating