# **Basic Use Cases**

1. User logs in.

2. User opens profile page

3. User opens homepage

4. User opens a movie details page

5. User searches for some movie/actor/tv show in the search field

# **Workflow**

## **Scheduled:**

### Every hour:

WebCrawler triggers ->

Insert movie title and id into data list(could be something else) ->

Get rest of the movie info from Movie feeder ->

Add to the data list the full movie info ->

Get news for the movie from the News feeder ->

Aggregate data (movie info & news) and Add to the database

## **On request:**

## Login page:

User opens login page ->

Login functionality ->

User is sent to main page(or account profile page)

## Account profile page:

User opens profile page ->

User info is loaded from database ->

Data, related to user and favorite movies are visualized

### Main page:

User opens main page ->

All movie related data is selected from database ->

All the featured movies are shown & Some movie industry news too

### Movie details page:

User opens details for a movie that we feature ->

Get movie info and news from database ->

Load all movie info and news

### Search for a specific topic (movie/actor/tv series):

User searches for a topic ->

Get the info from Movie Feeder->

Add info to topic POJO (actor/movie/tv series) ->  
 Get news data from News Feeder ->

Aggregate data( add news to the POJO) ->

Return the specific page with specific news.

