

Assignment 10

Extend the Ajax Movie Rating application so that all fields are updated when the user records a new rating (*Community Rating* and *Number of Ratings* for all movies). Also, have the data filled in when the page first loads.

Here is the XML schema returned by UpdateRatings.php (which you will have to move to your folder):

```
<movies>
  <movie>
    <movieId>1</movieId>
    <movieName>The Bourne Ultimatum</movieName>
    <numberOfRatings>23</numberOfRatings>
    <totalRatingPoints>45</totalRatingPoints>
  </movie>
  <movie>
    <movieId>2</movieId>
    <movieName>The Queen</movieName>
    <numberOfRatings>11</numberOfRatings>
    <totalRatingPoints>30</totalRatingPoints>
  </movie>
</movies>
```

XML stream returned by UpdateRatings.php

This perfectly reflects the database on Webdev4, which is updated whenever a new rating is recorded (with the returned xml stream reflecting the updated database). There are more movies than these two in the database table, but each will be returned in the XML as a movie element.

The user gets to rate a movie with 0 - 5 points and **totalRatingPoints** reflects the total number of points from all users so far. The **Community Rating** field on the web page will be the calculated average rating across all users:

Community Rating for **The Queen** = $30 / 11 = 2.73$