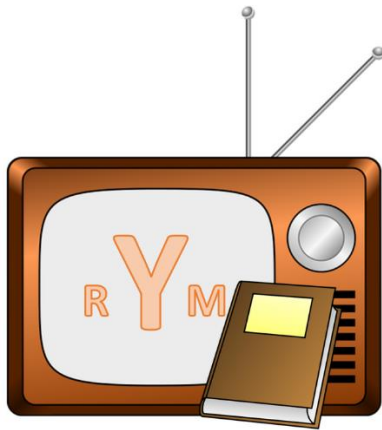


RateYourMedia is an online review platform which offers you detailed information and reviews on your favorite books and movies. The reviews are written by our community, so that they are unbiased by any commercial interest, which is quite hard to find in today's world. Feel free to search through our vast variety of books and movies. And if you want, join our lovely community to contribute reviews yourself and take part on our active discussion board.



This project documentation contains:

1. Use Case Description (moved forward to save paper/resource)
2. Use Case Diagram
3. Domain Model
4. Component Diagram
5. Interface Specification

## Use Case Description

<b>Name</b>	<i>register user</i>
<b>Short description</b>	<i>The user is able to register himself on RateYourMedia.</i>
<b>Precondition</b>	<i>The user is not logged in.</i>
<b>Postcondition, result</b>	<i>The user and his information are stored in the database. The user is now able to log in with username and password.</i>
<b>Essential steps</b>	<ol style="list-style-type: none"><li>1. User enters a new unique username, which is still available</li><li>2. User enters surname, first name and date of birth and enters a password</li><li>3. System registers user in MyChat</li><li>4. System directs user to login</li></ol>

<b>Name</b>	<i>log user in</i>
<b>Short description</b>	<i>The user is able to log in to be allowed to use all features of RateYourMedia.</i>
<b>Precondition</b>	<i>The user is registered (existed in database) and not logged in.</i>
<b>Postcondition, result</b>	<i>The user is now logged in for the session and able to use all features of RateYourMedia.</i>
<b>Essential steps</b>	<ol style="list-style-type: none"> <li>1. <i>User enters username and password</i></li> </ol>

<b>Name</b>	<i>search media</i>
<b>Short description</b>	<i>The user is able to search for books and movies.</i>
<b>Precondition</b>	- -
<b>Postcondition, result</b>	<i>The user is now logged in for the session and able to use all features of RateYourMedia.</i>
<b>Essential steps</b>	<ol style="list-style-type: none"> <li>1. <i>The user chooses between books, movies or all media categories</i></li> <li>2. <i>The user enters title/isbn/author (for books), title/director (for movies) or one of the previous for all media</i></li> <li>3. <i>The system shows the user up to 5 best suited results based on the search input</i></li> </ol>

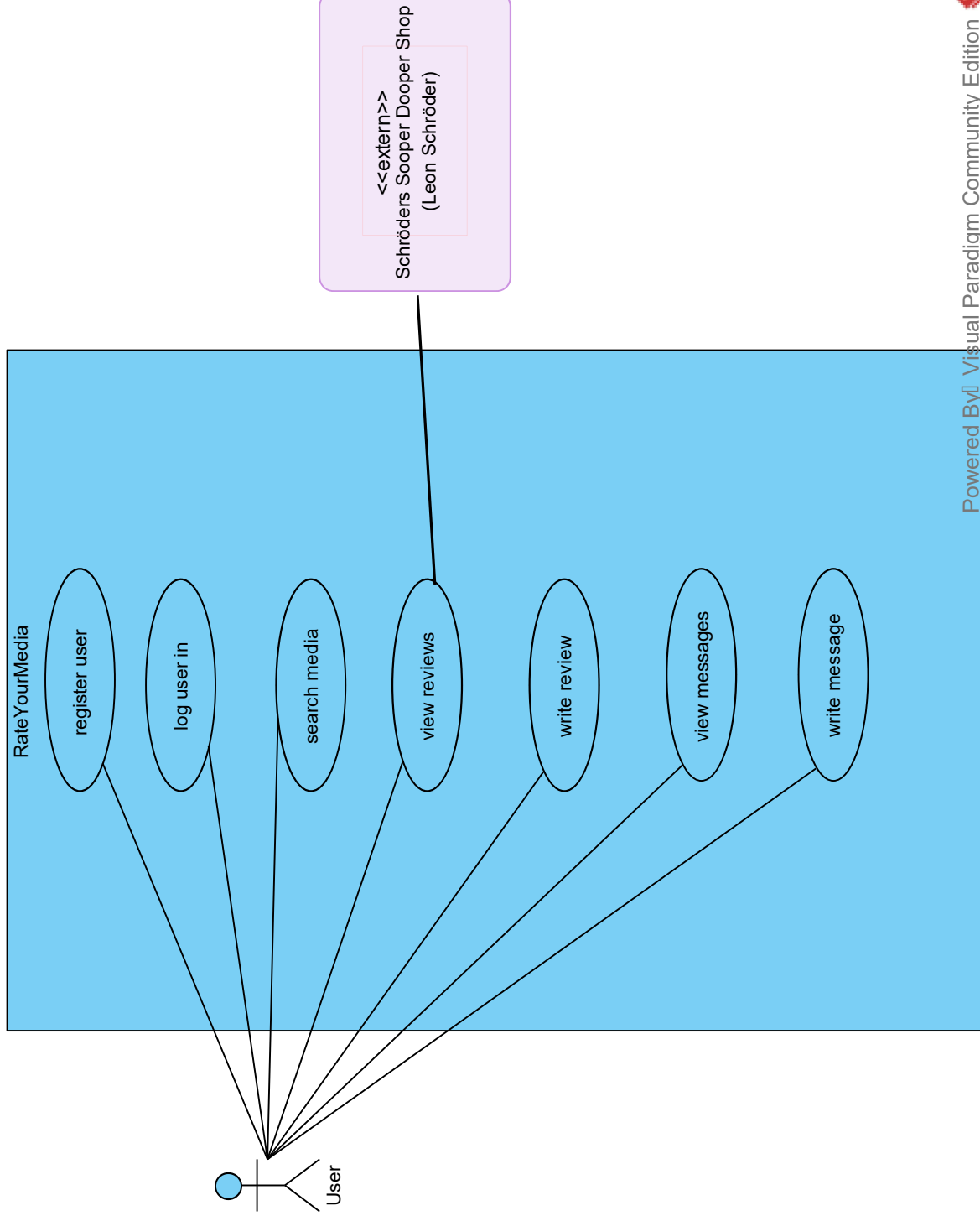
<b>Name</b>	<i>view reviews</i>
<b>Short description</b>	<i>The user (or extern f.e. Schröders Sooper Dooper Shop) is able to look up reviews and additional information of a media.</i>
<b>Precondition</b>	<i>The media exists. The user has searched the media and found it in the maximum 5 results.</i>
<b>Postcondition, result</b>	- -
<b>Essential steps</b>	<ol style="list-style-type: none"> <li>1. <i>User chooses the media out of the search results. Extern requests reviews via media specification (for books isbn, for movies title + director)</i></li> <li>2. <i>The system delivers/shows up to 5 of the latest reviews, additional information of the media and the average rating</i></li> <li>3. <i>The user can view 5 more reviews and filter: latest, best or worst rated reviews</i></li> </ol>

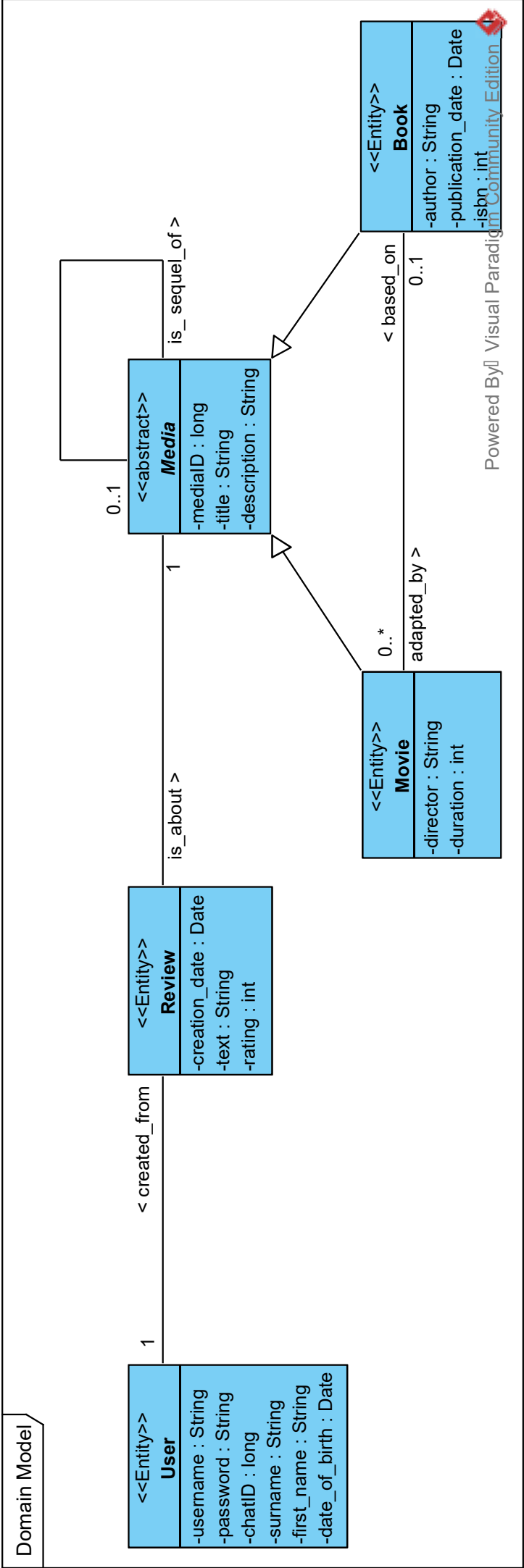
<b>Name</b>	<i>write review</i>
<b>Short description</b>	<i>The user is able to review the media on RateYourMedia.</i>
<b>Precondition</b>	<i>The user is logged in and has been viewed the reviews of the media, which he wishes to review. The user hasn't yet reviewed this specific media.</i>
<b>Postcondition, result</b>	<i>The review is now stored in the database and the user can no longer review it again.</i>
<b>Essential steps</b>	<ol style="list-style-type: none"> <li>1. <i>User enters rating ranging from 1 (worst) to 5 (best) and a review text</i></li> <li>2. <i>User submits review</i></li> </ol>

<b>Name</b>	<i>view messages</i>
<b>Short description</b>	<i>The user is able to view the latest messages on the discussion board.</i>
<b>Precondition</b>	- -
<b>Postcondition, result</b>	- -
<b>Essential steps</b>	<ol style="list-style-type: none"> <li>1. <i>User opens up the discussion board</i></li> <li>2. <i>System shows the latest maximum 10 messages</i></li> <li>3. <i>User can optional load the previous 10 messages in addition.</i></li> </ol>

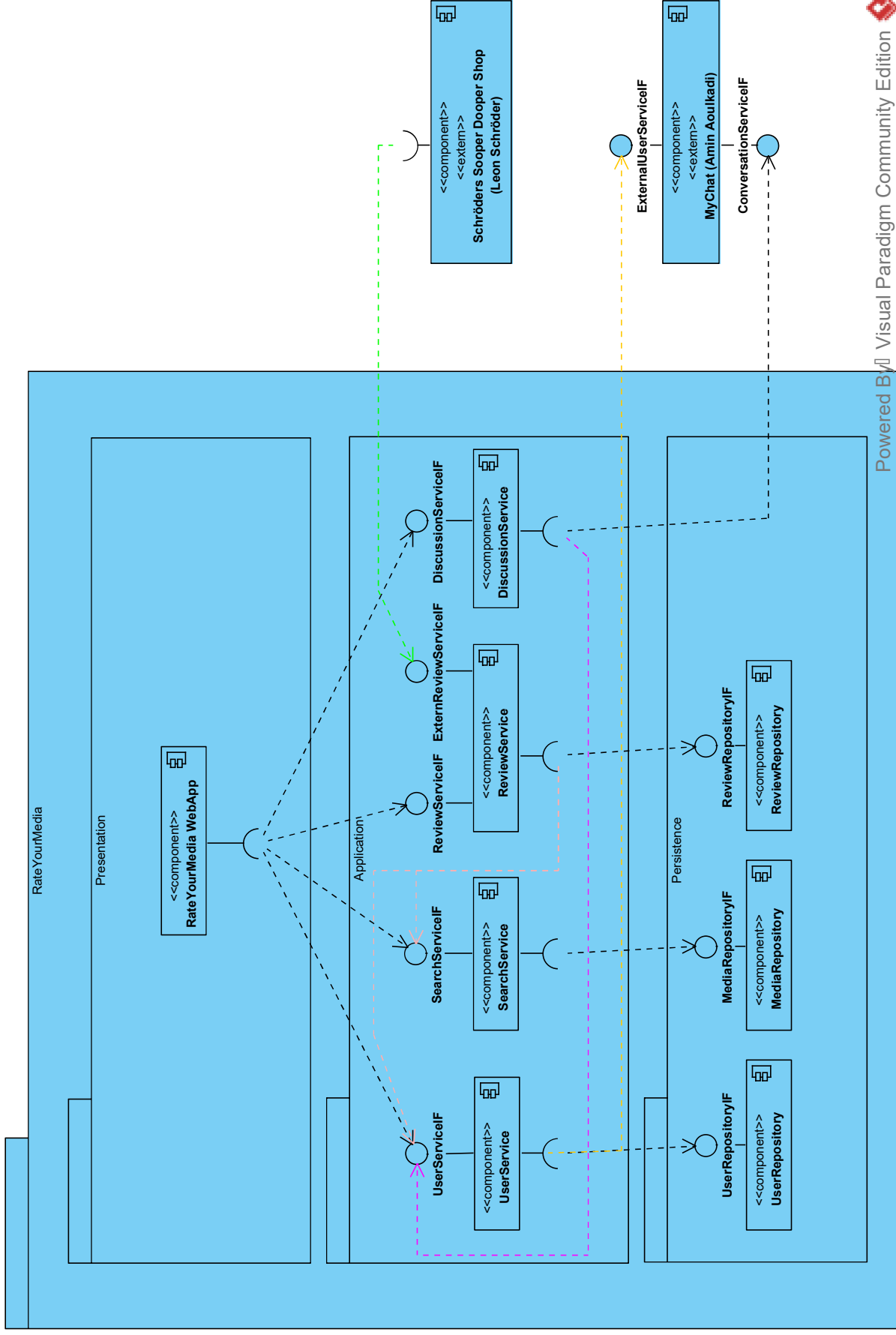
<b>Name</b>	<i>write message</i>
<b>Short description</b>	<i>The user is able to write a message on the discussion board.</i>
<b>Precondition</b>	<i>The user is logged in and has viewed the discussion messages.</i>
<b>Postcondition, result</b>	<i>The message text and user information is given to MyChat for processing.</i>
<b>Essential steps</b>	<ol style="list-style-type: none"> <li>1. <i>User enters a text for the message, which he wants to send</i></li> <li>2. <i>User submits message text</i></li> <li>3. <i>Text of the message is given to MyChat for processing</i></li> </ol>

uc [Use Case Diagram]

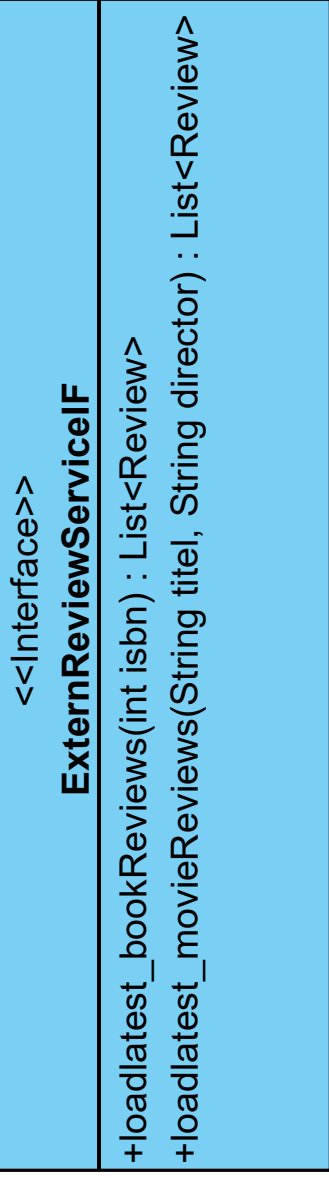




Component Diagram



## Interface and DTO specification



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