

CPPMovies - OOA and OOD (No code)

CS4800 - Final Part 2

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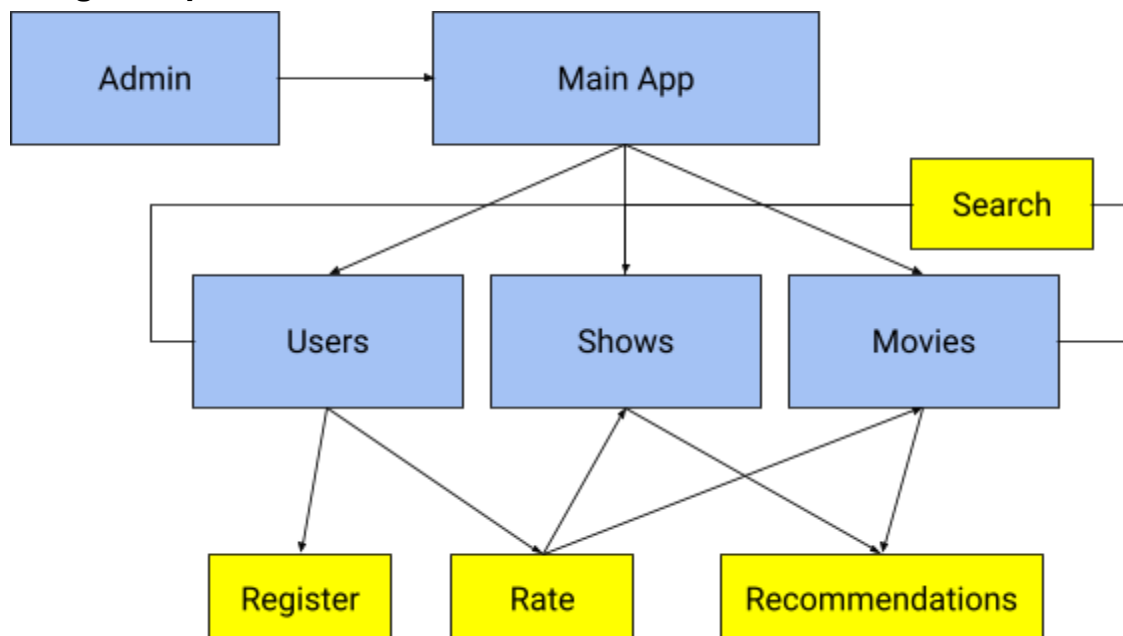
Blue - Verbs/actions

Yellow - Possible classes

Correlation (Use Cases):

- **Registration** – **Register** **user** info based on **user input**
- **Search** – **Search** for **movies** or **TV shows** based on **user input**
- **Recommendations** – **Recommend** **shows** to watch
- **Admin** – **Add/remove** **shows** and **users**
- **Ratings** – **Rate** **shows**

Rough Graph:



CRC Cards:

User	
<ul style="list-style-type: none">- Register- Log in- Manage user settings- Subscription service- Watchlist- Rate movies/shows	<ul style="list-style-type: none">- Subscription- Content- Watchlist- Review

Administrator	
<ul style="list-style-type: none">- Add/update content to website- Remove content- Manage users	<ul style="list-style-type: none">- Content- User

Content	
<ul style="list-style-type: none">- Update/view content details	<ul style="list-style-type: none">- Movie- Show- Review

Movie	
<ul style="list-style-type: none">- Movie details	<ul style="list-style-type: none">- Content (inherited)

Show	
<ul style="list-style-type: none">- Show details	<ul style="list-style-type: none">- Content (inherited)

Subscription	
<ul style="list-style-type: none">- Subscribe- Renew subscription	<ul style="list-style-type: none">- User

Review	
<ul style="list-style-type: none">- Make a review	<ul style="list-style-type: none">- User

	- Content
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Watchlist	
<ul style="list-style-type: none"> - Add to watchlist - Remove from watchlist - Get watchlist info 	<ul style="list-style-type: none"> - User - Content

