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| **Movie Application** **These are the requirements for the application:**   * The system should be able to create, update, delete and display movies and actors. * A user should be able to register and login to the system. * A user would like to be able to add movies to his/her favourites list of movies and a history of which movies he/she has seen and when he/she has seen them. * A user should be able to search for movies on relevant criteria eg. title, actor, or eg. production year after 1990. * A user would like to see statistics of relevant things eg. when they saw which movie etc. * When a user plays a movie the application should print out a list of actors and which role they played in the movie eg.   Mel Gibson - Nick Marshall  Helen Hunt - Darcy Maguire  etc. **Software Design**  1. Identify Actors and Use Cases for the system, and write a Use Case Diagram 2. Write the use cases in brief or casual format. 3. Create System Sequence Diagrams based your central Use Cases 4. Create a Noun List from your Use Cases. 5. Create a Verb List from your Use Cases. 6. Create a Domain Model with relations and multiplicity based on you Noun List. 7. Create a Sequence Diagram (More information will come) 8. Create a Class Diagram for the Movie Application.    1. include associations, aggregation or composition  **Software construction** **You should develop the system based on the artifacts from software design.**  **Hand in your solution on Github and the link to the repository as a group hand-in on November 4th. You should prepare a group presentation for the lessons of November 4th to present your project for the class.** |
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