**Chapter 4 & 5 Exercises (Advanced)**

1. Create module Magenest/Movie
2. Add tables into the database (with InstallSchema script)

* +Table name: magenest\_movie

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Extra |
| movie\_id | int | PRIMARY, AUTO INCREMENT |
| name | text |  |
| description | text |  |
| rating | int |  |
| director\_id | int | FOREIGN KEY (magenest\_director.director\_id) |

* Table name: magenest\_director

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Extra |
| director\_id | int | PRIMARY, AUTO INCREMENT |
| name | text |  |

* Table name: magenest\_actor

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Extra |
| actor\_id | int | PRIMARY, AUTO INCREMENT |
| name | text |  |

* Table name: magenest\_movie\_actor

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Extra |
| movie\_id | int | FOREIGN KEY (magenest\_movie.movie\_id) |
| actor\_id | int | FOREIGN KEY (magenest\_actor.actor\_id) |

1. Create a new page (with Magento layout) on frontend to show data in the tables

(A movie has 1 director and many actors).

* Show All Movies, show director and all actors are in the movie.
* Style the data (your choice).