**Kara Lusabia**

**Due Date: 04/04/15**

**Lab 8: Normalization Two**

**ER Diagram**

|  |  |
| --- | --- |
| **People** | |
| PK | pid |
| last\_name |
| first\_name |
| home\_address |

|  |  |
| --- | --- |
| **Actors** | |
| PK | actor\_id |
| birthday |
| hair\_color |
| eye\_color |
| height |
| weight |
| guild\_date |

|  |  |
| --- | --- |
| **Directors** | |
| PK | dir\_id |
| school\_attend |
| guild\_date |

|  |  |
| --- | --- |
| **Movies** | |
| PK | movie\_id |
| movie\_name |
| year\_rel |

|  |  |
| --- | --- |
| **Movie\_Sales** | |
| PK, FK | movie\_id |
| domestic\_sales |
| foreign\_sales |
| disk\_sales |

|  |  |
| --- | --- |
| **Auditions** | |
| PK1, FK1  PK2, FK2 | actor\_id |
| dir\_id |
| FK3 | movie\_id |

**Functional Dependencies:**

**people table:** pid -> last\_name, first\_name, home\_address

**actors table:** actor\_id -> birthday, hair\_color, eye\_color, height, weight, guild\_date

**directors table:** dir\_id -> school\_attend, guild\_date

**movies table:** movie\_id -> movie\_name, year\_rel

**movie\_sales table:** movie\_id -> domestic\_sales, foreign sales, disk\_sales

**auditions table:** actor\_id, dir\_id -> movie\_id