

AIMS database

- Media

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|----------|-------------|----------|-------------|
| 1 | x | | id | INT | x | |
| 2 | | | category | VARCHAR(45) | x | |
| 3 | | | title | VARCHAR(45) | x | |
| 4 | | | price | INT | x | |
| 5 | | | quantity | VARCHAR(45) | x | |
| 6 | | | imageURL | VARCHAR(45) | x | |

- Book

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|-----------------|-------------|----------|------------------|
| 1 | x | x | mediaId | INT | x | connect to media |
| 2 | | | genre | VARCHAR(45) | x | |
| 3 | | | authors | VARCHAR(45) | x | |
| 4 | | | publisher | VARCHAR(45) | x | |
| 5 | | | publicationDate | DATE | x | |
| 6 | | | pages | INT | | |
| 7 | | | cover | VARCHAR(45) | | |
| 8 | | | language | VARCHAR(45) | x | |

- CD

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|-------------|-------------|----------|------------------|
| 1 | x | x | mediaId | INT | x | connect to media |
| 2 | | | genre | VARCHAR(45) | x | |
| 3 | | | artists | VARCHAR(45) | x | |
| 4 | | | releaseDate | DATE | x | |
| 5 | | | tracklist | VARCHAR(45) | | |
| 6 | | | recordLabel | VARCHAR(45) | x | |

- DVD

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|-------------|-------------|----------|------------------|
| 1 | x | x | mediaId | INT | x | connect to media |
| 2 | | | type | VARCHAR(45) | x | |
| 3 | | | genre | VARCHAR(45) | x | |
| 4 | | | releaseDate | DATE | x | |
| 5 | | | studio | VARCHAR(45) | x | |
| 6 | | | director | VARCHAR(45) | x | |
| 7 | | | language | VARCHAR(45) | x | |
| 8 | | | subtitles | VARCHAR(45) | x | |
| 9 | | | runtime | INT | x | |

- Order

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|--------------|-----------|----------|-------------|
| 1 | x | | id | INT | x | |
| 2 | | | shippingFees | INT | x | |

- OrderMedia

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|----------|-----------|----------|----------------------|
| 1 | x | x | mediaId | INT | x | connect to the media |
| 2 | x | x | orderId | INT | x | connect to the order |
| 3 | | | quantity | INT | x | |
| 4 | | | price | INT | x | |

- DeliveryInfo

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|--------------------|-------------|----------|----------------------|
| 1 | x | | id | INT | x | |
| 2 | | | name | VARCHAR(45) | x | |
| 3 | | | phone | VARCHAR(45) | x | |
| 4 | | | province | VARCHAR(45) | x | |
| 5 | | | email | VARCHAR(45) | x | |
| 6 | | | deliveryIntruction | VARCHAR(45) | x | |
| 7 | | | address | VARCHAR(45) | x | |
| 8 | | x | orderId | INT | x | connect to the order |

- RushDeliveryInfo

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|----------------|-------------|----------|------------------------------|
| 1 | x | x | deliveryInfoId | INT | x | connect to the delivery info |
| 2 | | | pickupTime | INT | x | |
| 3 | | | content | VARCHAR(45) | x | |

- Invoice

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|---------|-----------|----------|----------------------|
| 1 | x | | id | INT | x | |
| 2 | | | total | INT | x | |
| 3 | | x | orderId | INT | x | connect to the order |

- PaymentTransaction

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|-----------|-------------|----------|------------------------|
| 1 | x | | id | INT | x | |
| 2 | | | content | VARCHAR(45) | x | |
| 3 | | | createdAt | DATETIME | x | |
| 4 | | x | cardId | INT | x | connect to the card |
| 5 | | x | invoiceId | INT | x | connect to the invoice |

- Card

| # | PK | FK | Name | Data type | Not null | Description |
|---|----|----|----------------|-------------|----------|-------------|
| 1 | x | | id | INT | x | |
| 2 | | | owner | VARCHAR(45) | x | |
| 3 | | | expirationDate | DATE | x | |
| 4 | | | securityCode | VARCHAR(45) | x | |