

```
CREATE TABLE `aims`.`media` (  
    `id` INT NOT NULL AUTO_INCREMENT ,  
    `category` VARCHAR(45) NOT NULL ,  
    `price` INT NOT NULL ,  
    `quantity` INT NOT NULL ,  
    `title` VARCHAR(45) NOT NULL ,  
    `value` INT NOT NULL ,  
    `imageUrl` VARCHAR(45) NOT NULL ,  
    PRIMARY KEY (`id`)  
) ENGINE = InnoDB;
```

```
CREATE TABLE `aims`.`cd` (  
    `id` INT NOT NULL ,  
    `artist` VARCHAR(45) NOT NULL ,  
    `recordLabel` VARCHAR(45) NOT NULL ,  
    `musicType` VARCHAR(45) NOT NULL ,  
    `releasedDate` DATE NOT NULL ,  
    PRIMARY KEY (`id`),  
    CONSTRAINT `fk_cd_media_1`  
        FOREIGN KEY `id` REFERENCES `media` (`id`)  
) ENGINE = InnoDB;
```

```
CREATE INDEX `aims`.`cd.fk_cd_media_1_idx` ON `cd`(`id`);
```

```
CREATE TABLE `aims`.`book` (  
    `id` INT NOT NULL ,  
    `author` VARCHAR(45) NOT NULL ,  
    `coverType` VARCHAR(45) NOT NULL ,  
    `pulisher` VARCHAR(45) NOT NULL ,
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        `publishDate` DATE NOT NULL ,
        `numOfPages` INT NOT NULL ,
        `language` VARCHAR(45) ,
        `bookCategory` VARCHAR(45) ,
        PRIMARY KEY (`id`) ,
        CONSTRAINT `fk_book_media_1`
            FOREIGN KEY `id` REFERENCES `media` (`id`)
    ) ENGINE = InnoDB;

```

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CREATE INDEX `aims`.`book.fk_book_media_1_idx` ON `book`(`id`);

```

```

CREATE TABLE `aims`.`dvd` (
    `id` INT NOT NULL ,
    `discType` VARCHAR(45) NOT NULL ,
    `director` VARCHAR(45) NOT NULL ,
    `runtime` INT NOT NULL ,
    `studio` VARCHAR(45) NOT NULL ,
    `subtitle` VARCHAR(45) NOT NULL ,
    `releasedDate` DATE NOT NULL ,
    `filmType` VARCHAR(45) NOT NULL ,
    PRIMARY KEY (`id`) ,
    CONSTRAINT `fk_dvd_media_1`
        FOREIGN KEY `id` REFERENCES `media` (`id`)
    ) ENGINE = InnoDB;

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CREATE INDEX `aims`.`dvd.fk_dvd_media_1_idx` ON `dvd`(`id`);

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CREATE TABLE `aims`.`card` (
    `id` INT NOT NULL ,

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        `cardNumber` VARCHAR(16) NOT NULL ,  
        `owner` VARCHAR(45) NOT NULL ,  
        `cvvCode` VARCHAR(3) NOT NULL ,  
        `dateExpired` VARCHAR(4) NOT NULL ,  
        PRIMARY KEY (`id`)  
    ) ENGINE = InnoDB;
```

```
CREATE TABLE `aims`.`deliveryinfo` (  
    `id` INT NOT NULL ,  
    `name` VARCHAR(45) NOT NULL ,  
    `province` VARCHAR(45) NOT NULL ,  
    `instructions` VARCHAR(200) NOT NULL ,  
    `address` VARCHAR(100) NOT NULL ,  
    PRIMARY KEY (`id`)  
    ) ENGINE = InnoDB;
```

```
CREATE TABLE `aims`.`order` (  
    `id` INT NOT NULL ,  
    `shipping_fees` VARCHAR(45) NOT NULL ,  
    `delivery_info_id` INT NOT NULL ,  
    PRIMARY KEY (`id`),  
    CONSTRAINT `fk_order_deliveryinfo_1`  
        FOREIGN KEY `delivery_info_id` REFERENCES `deliveryinfo` (`id`)  
    ) ENGINE = InnoDB;
```

```
CREATE INDEX `aims`.`order.fk_order_deliveryinfo_1_idx` ON `order`(`id`);
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```
CREATE TABLE `aims`.`order_media` (  
    `media_id` INT NOT NULL ,
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        `order_id` INT NOT NULL ,
        `price` INT NOT NULL ,
        `quantity` INT NOT NULL ,
        CONSTRAINT `fk_ordermedia_media_1`
            FOREIGN KEY `media_id` REFERENCES `media` (`id`),
        CONSTRAINT `fk_ordermedia_order_1`
            FOREIGN KEY `order_id` REFERENCES `order` (`id`)
    ) ENGINE = InnoDB;

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CREATE INDEX `aims`.`order_media.fk_ordermedia_media_1_idx` ON `order_media`(`media_id`);
CREATE INDEX `aims`.`order_media.fk_ordermedia_order_1_idx` ON `order_media`(`order_id`);

```

```

CREATE TABLE `aims`.`invoice` (
    `id` INT NOT NULL ,
    `total_amount` INT NOT NULL ,
    `order_id` INT NOT NULL ,
    PRIMARY KEY (`id`),
    CONSTRAINT `fk_invoice_order_1`
        FOREIGN KEY `order_id` REFERENCES `order` (`id`)
) ENGINE = InnoDB;

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CREATE INDEX `aims`.`invoice.fk_invoice_order_1_idx` ON `invoice`(`order_id`);

```

```

CREATE TABLE `aims`.`payment_transaction` (
    `id` INT NOT NULL ,
    `created_at` DATETIME NOT NULL ,
    `content` VARCHAR(45) NOT NULL ,
    `method` VARCHAR(45) NOT NULL ,
    `card_id` INT NOT NULL ,

```

```
`invoice_id` INT NOT NULL ,  
PRIMARY KEY (`id`),  
CONSTRAINT `fk_transaction_card_1`  
    FOREIGN KEY `card_id` REFERENCES `card` (`id`),  
CONSTRAINT `fk_transaction_invoice_1`  
    FOREIGN KEY `invoice_id` REFERENCES `invoice` (`id`)  
) ENGINE = InnoDB;
```

```
CREATE INDEX `aims`.`payment_transaction.fk_transaction_card_1_idx` ON  
`payment_transaction`(`card_id`);
```

```
CREATE INDEX `aims`.`payment_transaction.fk_transaction_invoice_1_idx` ON  
`payment_transaction`(`invoice_id`);
```

```
CREATE TABLE `aims`.`rush_order` (  
    `order_id` INT NOT NULL ,  
    `expectedTime` DATETIME NOT NULL ,  
    `rush_instructions` VARCHAR(200) NOT NULL ,  
    CONSTRAINT `fk_rushorder_order_1`  
        FOREIGN KEY `order_id` REFERENCES `order` (`id`)  
) ENGINE = InnoDB;
```

```
CREATE INDEX `aims`.`rush_order.fk_rushorder_order_1_idx` ON `rush_order`(`order_id`);
```

```
COMMIT;
```