



Project Details

Resume

Github

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A screenshot of a web browser window showing the URL <https://github.com/kookwangs/MERJECinema>. The page title is "Merje Cinema". Below the title are three brown rounded rectangular buttons with white text: "Project Details", "Resume", and "Github". A hand cursor icon is positioned over the "Project Details" button. The browser has standard OS X-style window controls at the top.

1 Design Database

Business Rules

- 1) 1 booking can book more than 1 seat.
- 2) 1 booking can use at least 1 promotion
- 3) The total price depends on type of theater & seat
- 4) Each promotion has 1 type of discount (baht or percentage)
- 5) Every 50 THB payment will be 1 point for the user but if the user has member card the point will be twice.
- 6) 1 telephone number can register once.
- 7) 1 Employee can work in 1 branch.
- 8) A theater has 60 deluxe seats, premium 20 seats, sofa sweet 16 seats

General Constraints

- 1) The roles Master and Administrator work in branch "0" cause they are not depend on any branch.
- 2) If the booking doesn't have promotion code, promocode will be "0".

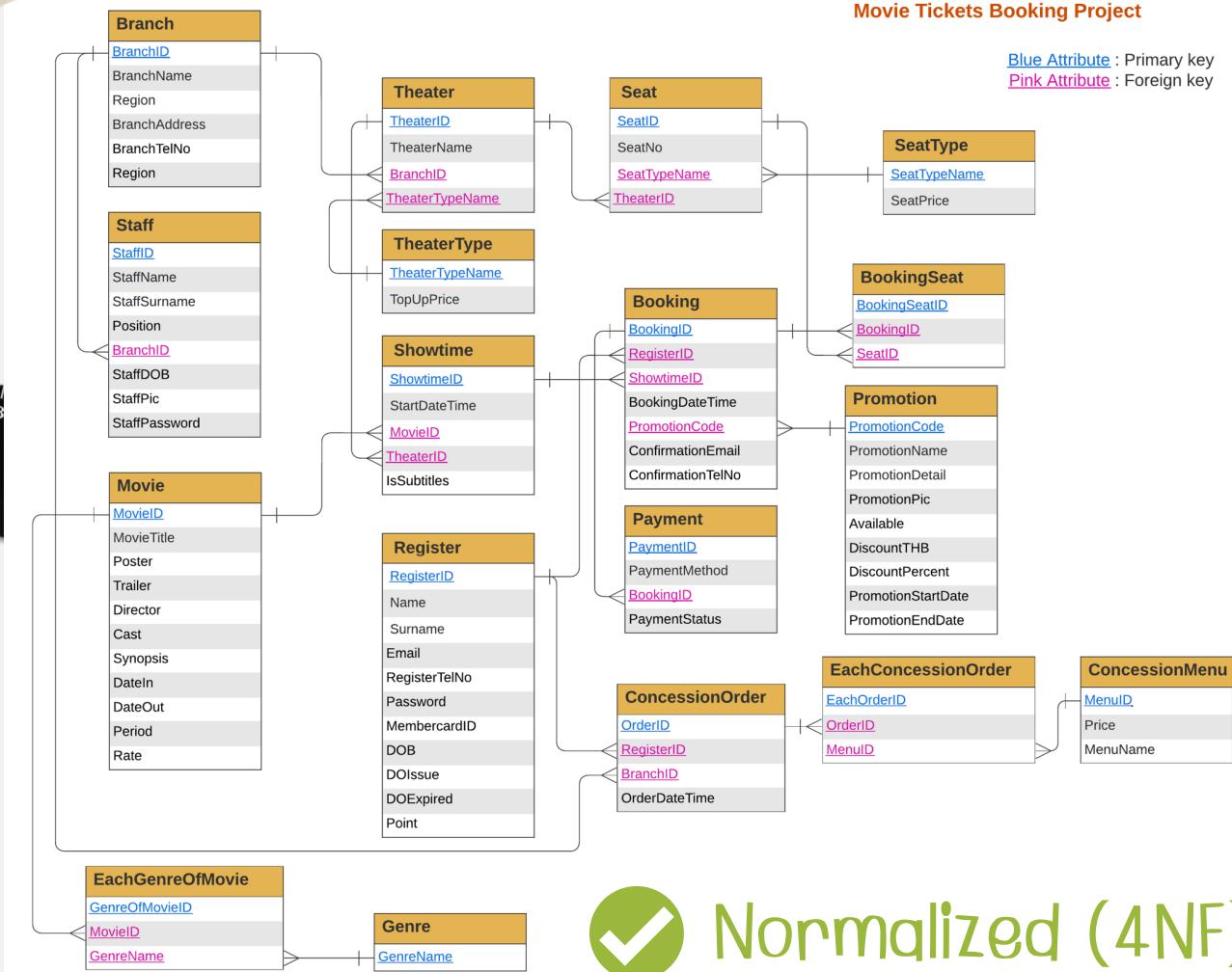


ER-Diagram

ER - Diagram : Merje Group

Movie Tickets Booking Project

Blue Attribute : Primary key
Pink Attribute : Foreign key



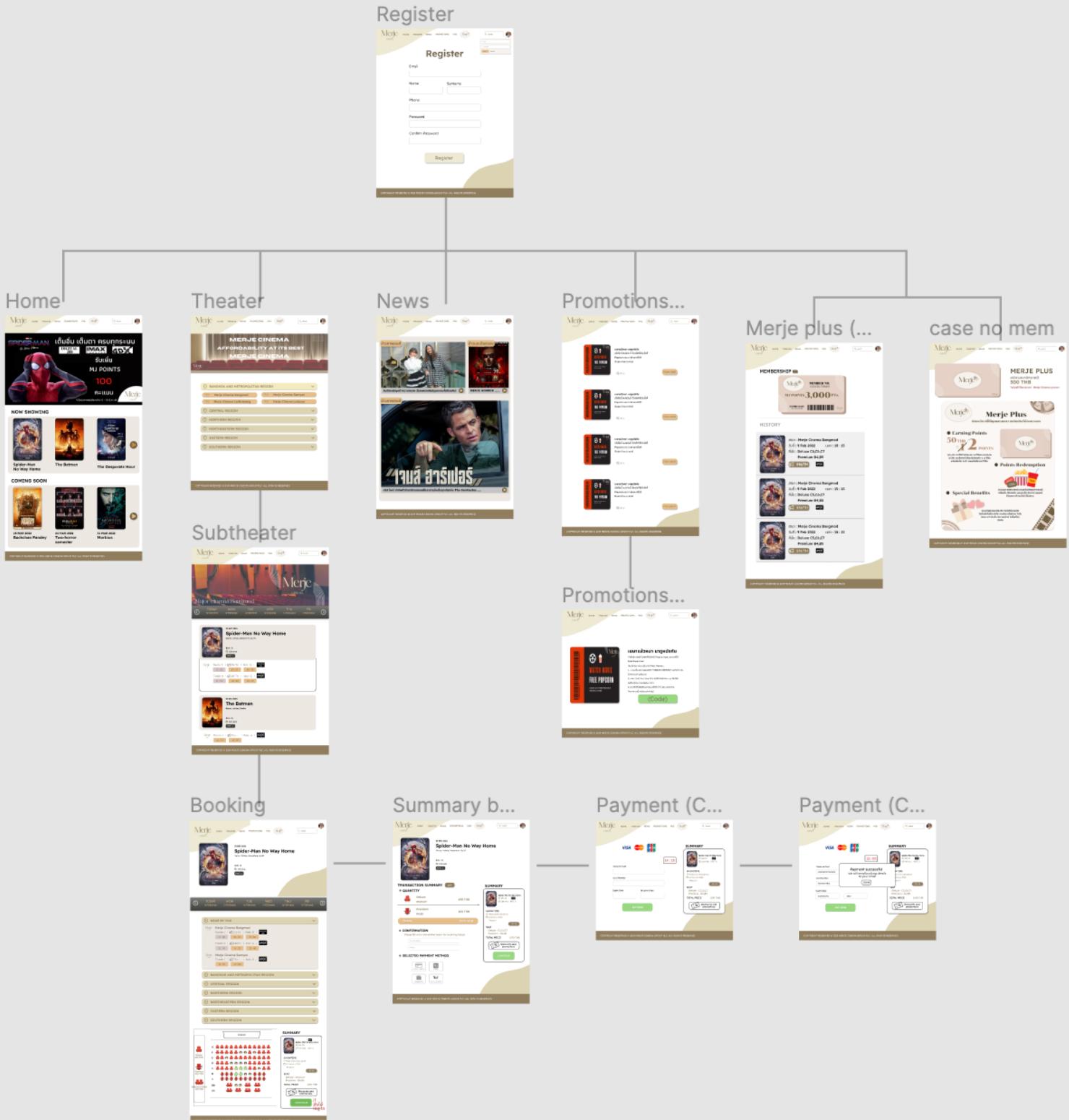
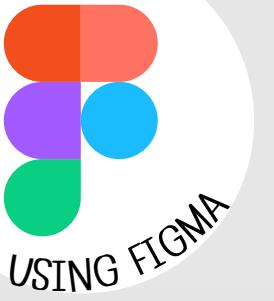
Normalized (4NF)

Making Diagram by Lucidchart



2

Design UX/UI



0.1. Log...



advanc... advanc... advanc... advanc...



Branch



Theater



Movie



Showtime



Payment



Promoti...



Menu



Menu

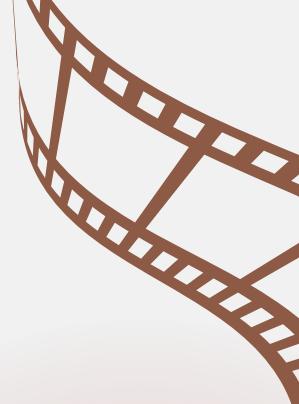
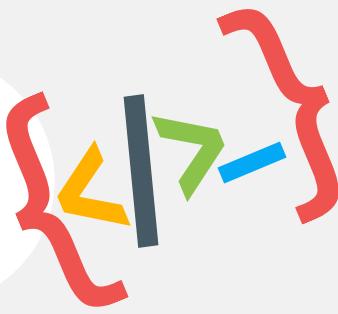


Scan for UX/UI
Design in FIGMA





Coding



In creating relational database process:

- Using MySQL

In implementing website process:

- HTML
- CSS
- JS
- SQL (for querying data)

I have done in every part of coding.

My main-coding part in this project is

- Creating database
- Back-End development
- Advanced analysis reports

You can see my code
and more details in my GitHub



<https://github.com/kookwangs/MERJECinema>

```
1 $con=mysqli_connect("localhost"
2 $dropbtn3 = mysqli_real_escape_string($con, $_POST['BranchID'])
3 $sql2 = "SELECT BranchName, BranchAddress, BranchPhone
4 $result2 = mysqli_query($con, $sql2)
5 $row2 = mysqli_fetch_assoc($result2)
6 $daterange = mysqli_real_escape_string($con, $_POST['daterange'])
7 $startdate = substr($daterange, 0, 10)
8 $newstartdate=date("Y-m-d", strtotime($startdate))
9
10
11
12 $sql = "SELECT COUNT(*) AS A,
13 WHERE Payment.BookingID = Booking.BookingID
14 AND BookingSeat.BookingID = Booking.BookingID
15 AND BookingSeat.SeatID = Seat.SeatID
16 AND Seat.SeatTypeName=SeatType.SeatTypeName
17 AND Seat.TheaterID = Theater.TheaterID
18 AND Theater.TheaterTypeName = Theater.TheaterTypeName
19 AND Booking.BookingDateTime > '$newstartdate'
20 AND '$newstartdate' > Booking.BookingDateTime
21 AND Payment.PaymentStatus='1'
22 AND Theater.BranchID = '$dropbtn3'
23
24 $result = mysqli_query($con, $sql)
25 $row = mysqli_fetch_assoc($result)
26
27 // $row["B"] is a total price but we need to calculate it
28
29
30 // Find All BookingID and PromotionCode
31 $sql3 = "SELECT Booking.BookingID
32 FROM Payment, BookingSeat, Booking
33 WHERE Payment.BookingID = Booking.BookingID
34 AND BookingSeat.BookingID = Booking.BookingID
35 AND BookingSeat.SeatID = Seat.SeatID
36 AND Seat.SeatTypeName=SeatType.SeatTypeName
37 AND Seat.TheaterID = Theater.TheaterID
38 AND Theater.TheaterTypeName = Theater.TheaterTypeName
39 AND Booking.BookingDateTime BETWEEN '$newstartdate' AND '$newenddate'
40 AND Payment.PaymentStatus='1'
41 AND Theater.BranchID = '$dropbtn3'
42 AND Booking.PromotionCode = PromotionCode
43 'IP BY Booking.BookingID;
```

