EE4717/IM4717

Web Application Design - Project Report

Design project group number: F34-DG01
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Project Title: Jagger Cinema website design

Summary of Project:

Jagger Cinema is an emerging cinema franchise alongside big-name players within Singapore such as Golden Village and Shaw theatres. The newest, hottest movies are screened here and we ensure that any esteemed customers will find an unequaled experience in movie-watching here. We utilize 4K-resolution top-of-the-end screen projectors with Dolby surround sound 7.1 for every theatre to maximize our customer's enjoyment factor.

This project entails the design and development of a user-friendly, intuitive website that provides a seamless experience for Jagger cinema. Customers will be able to quickly look through the movies being screened currently, upcoming movies, choose to book tickets at a given timing and date, and select their seats for their choice of movie. Adjustments for choice of seats and timing will be available at any point of time before payment. They will then be prompted to enter their personal information and email address for confirmation of payment. Once the purchase is confirmed, customers will receive an invoice in their mailbox as proof of purchase. For those seeking a potential career with the Cinema, they will also find details of the hiring manager on the website itself.

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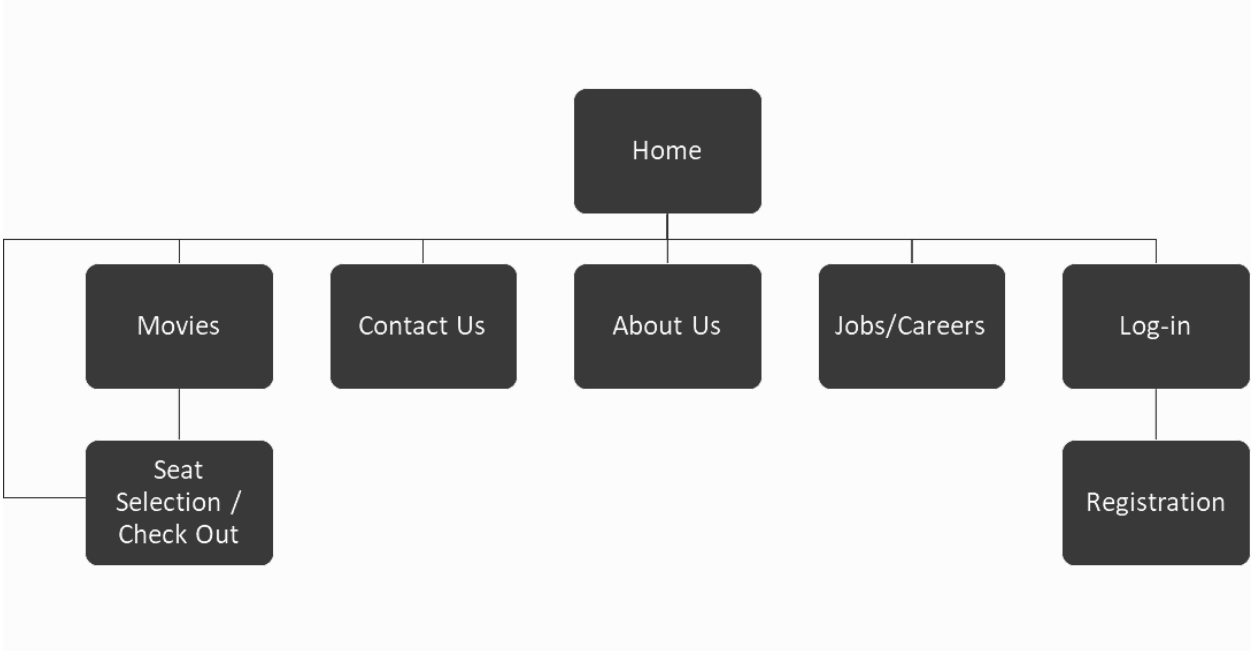
Application and Functional Requirements

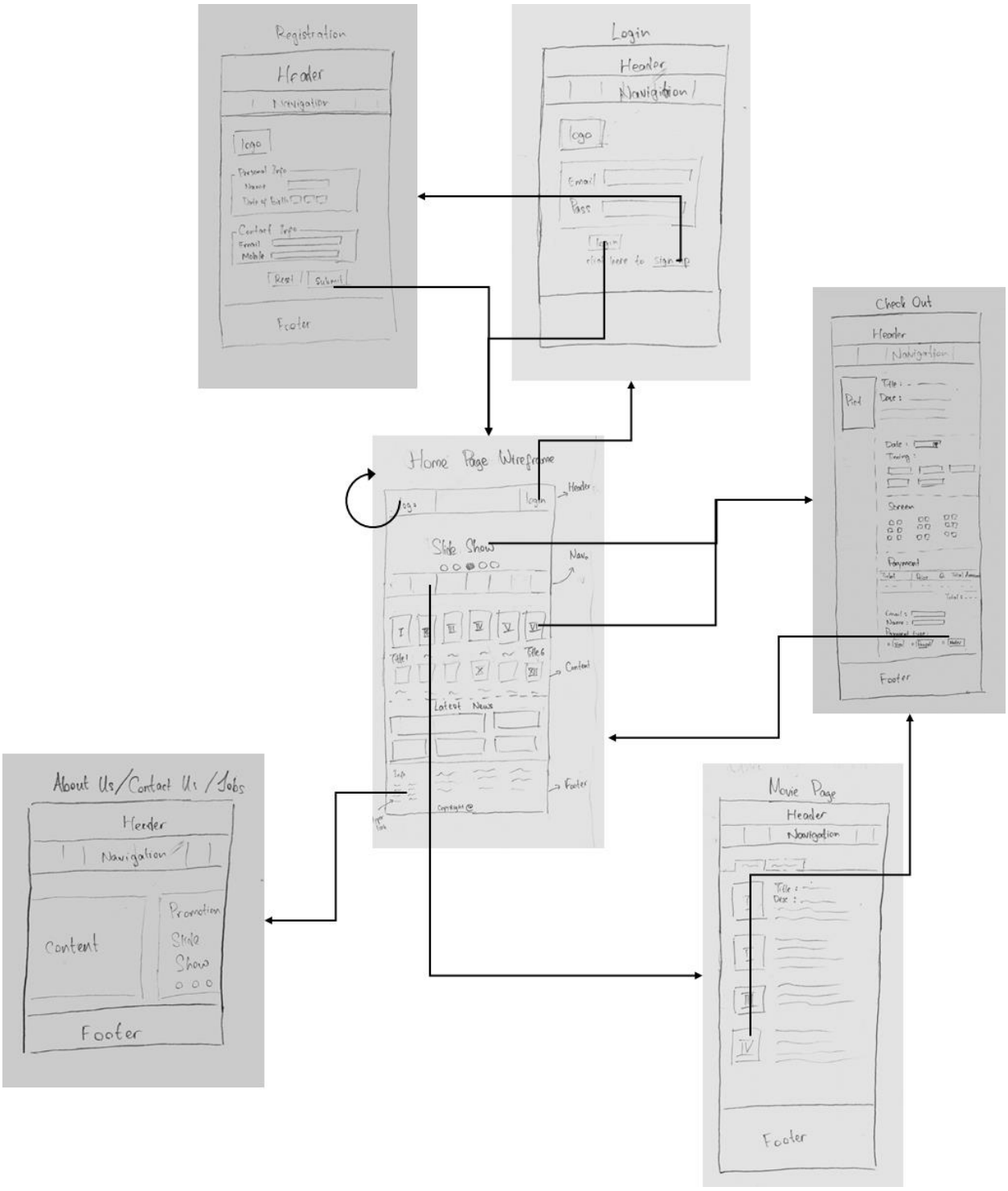
R1: Browse available movies at certain times	F1: Home page will show picture of all movies while the Movies page will display all movies alongside the abstract of the movie and its duration. Achieved by providing an intuitive browsing experience. Home page movie showcase: implemented with slide shows and table; movie pictures only Movie page movie showcase: implemented with table; movie pictures, descriptions, and timings
R2: Provide ticket booking service	F2: There will be a movie booking page (i.e. Fast and Furious movie) that allows the customer to select the timing which they want to purchase tickets for and checkout. This is achieved through redirection to checkout page after selection of movie and timing. Upon checkout, the details of the ticket will be listed again. Checkout page seat selection: Implemented with JavaScript & Database Checkout page payment form: Implemented with form
R3: Provide confirmation for customers if tickets are successfully booked	F3: Customers will receive an email once tickets are successfully booked. The email will contain details such as Movie title, Timing of the ticket purchased, and Customer name. Confirmation page will be printable. This is done with the email function and database. Confirmation email: Implemented with mailto function and PHP
R4: Provide membership registrations	F4: Customers will be able to apply for membership which gives them benefits and keep them updated with new movies listed . Log-in/registration: Implemented with database, form, and mailto function

R5: Provide customer help service (about/contact us)	F5: Customers will be able to send email to the cinema helpdesk through an email hotlink in this page. Helpdesk: Implemented with mailto function.
R6: Provide career opportunities	F6: Users will be able to view a list of possible career opportunities with descriptions and benefits for the new hiree. Career: Achieved by redirecting to the career page.

Sitemap


Home
Movies
Contact Us
About Us
Jobs/Careers
Log-in
Seat Selection / Check Out
Registration

Story Board


Registration
Header
Navigation
Logo
Footer
Login
Header
Navigation
logo
Email
Pass
Check Out
Header
Navigation
Footer
Home Page Wireframe
Header
Slide Show
Latest News
Footer
About Us/Contact Us /Jobs
Header
Navigation
Content
Promotion
Slide Show
Footer
Movie Page
Header
Navigation
Footer

Wireframe

Figure: Homepage

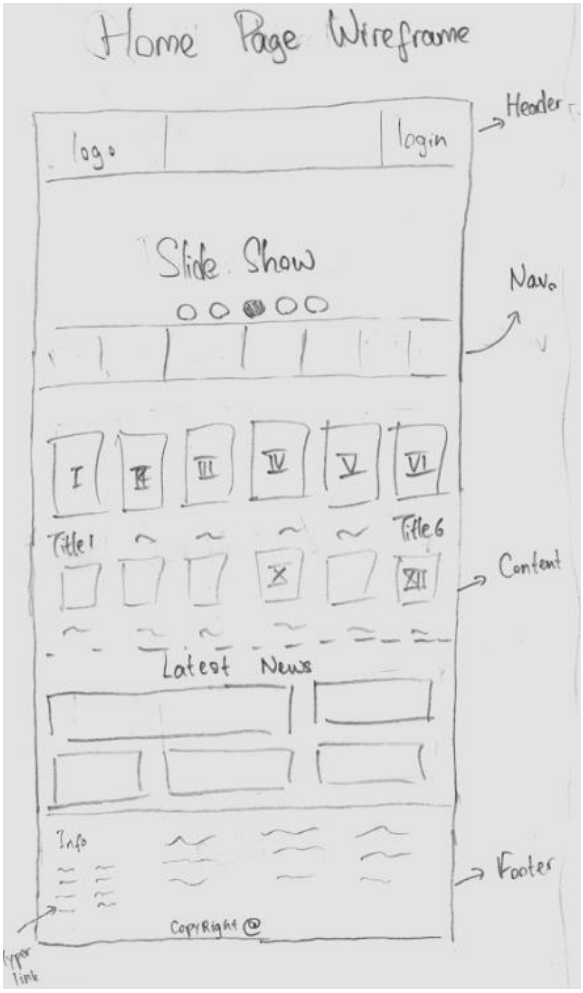


Figure: About us / Contact Us / Career pages

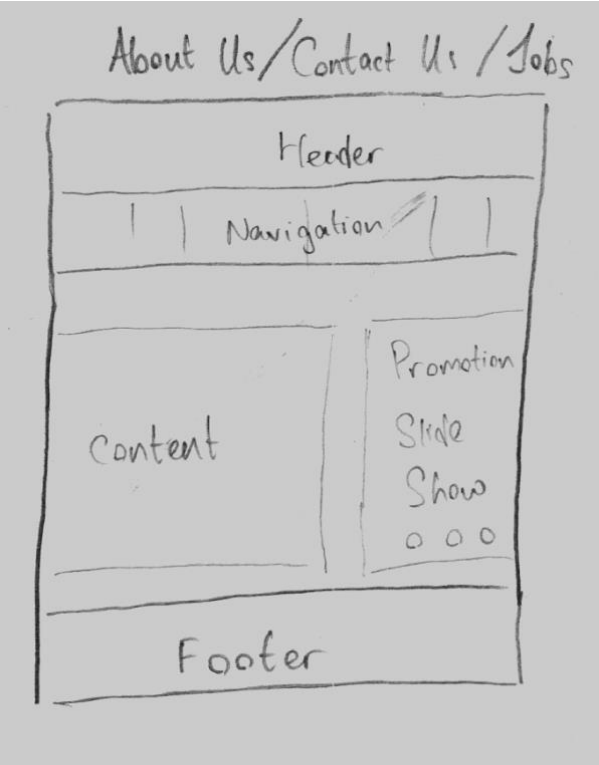


Figure: Login page

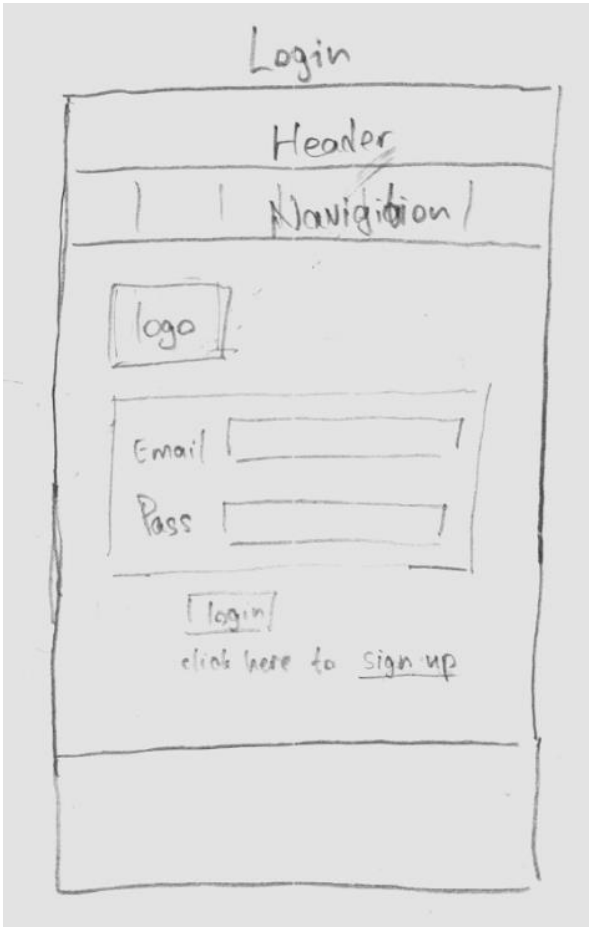


Figure: Checkout page

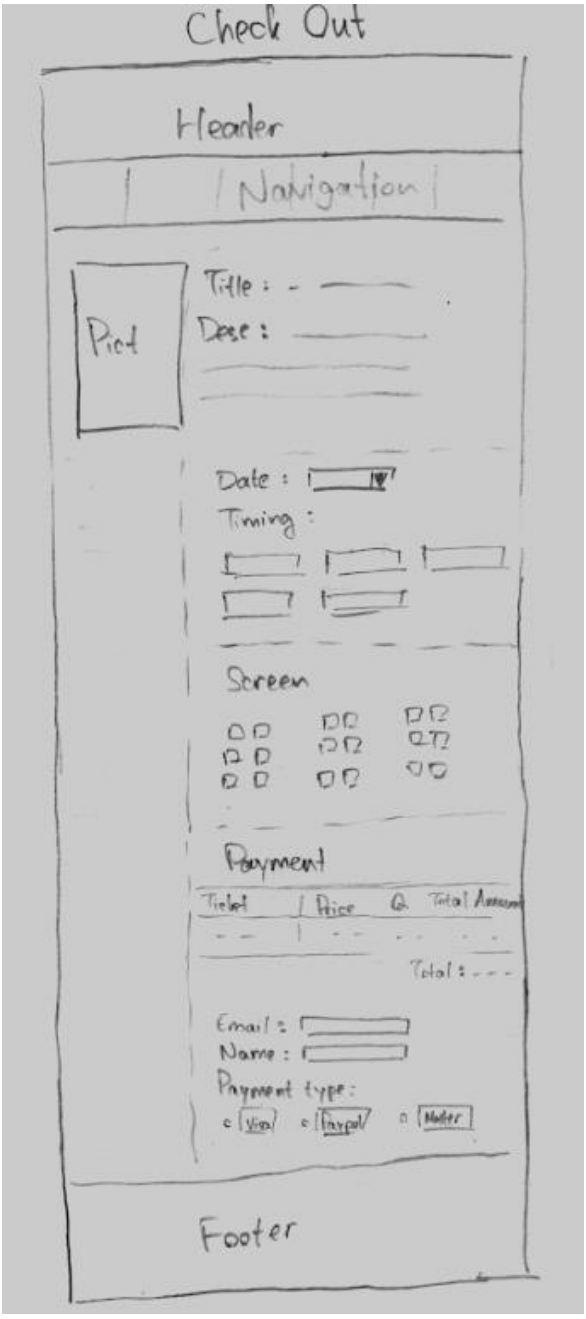


Figure: Movie page

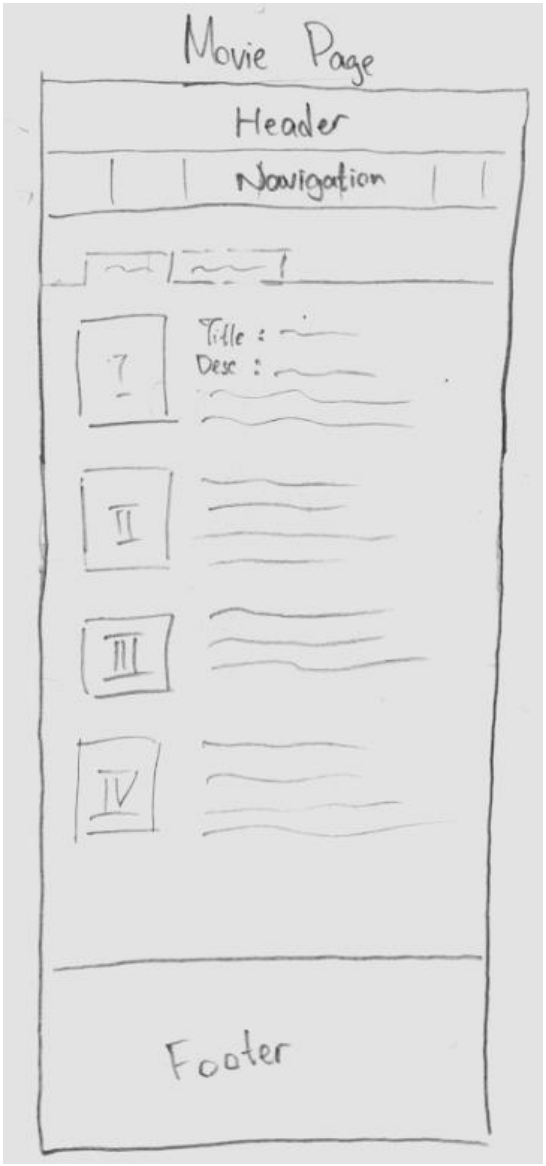
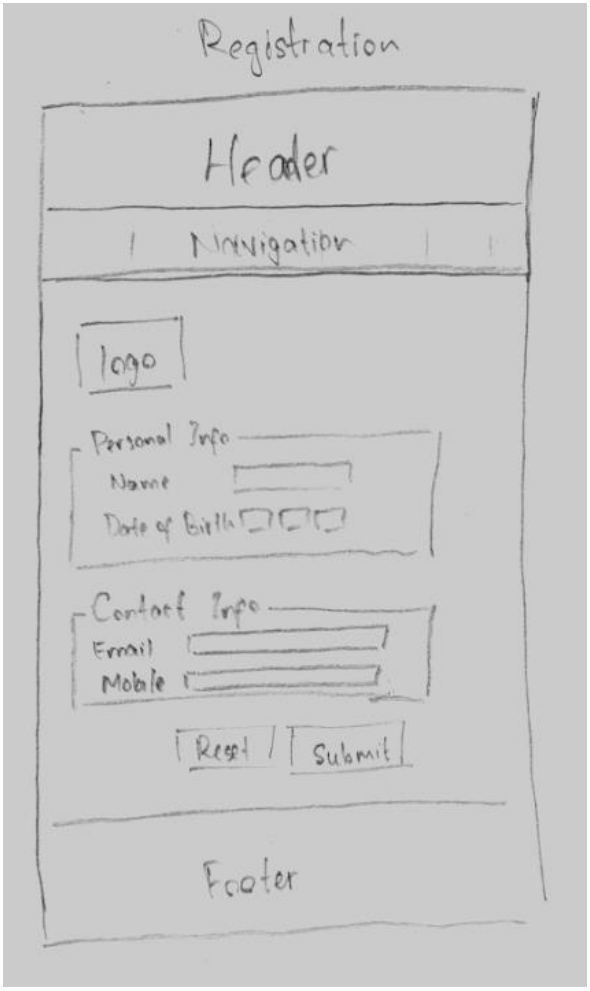



Figure: Registration page