

Software Engineering

Project

Sprint II

Seat-Savers

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Implementation: <https://github.com/saadabdulhakimqureshi/Seat-Savers>

- Unity Frontend
- Firebase Firestore

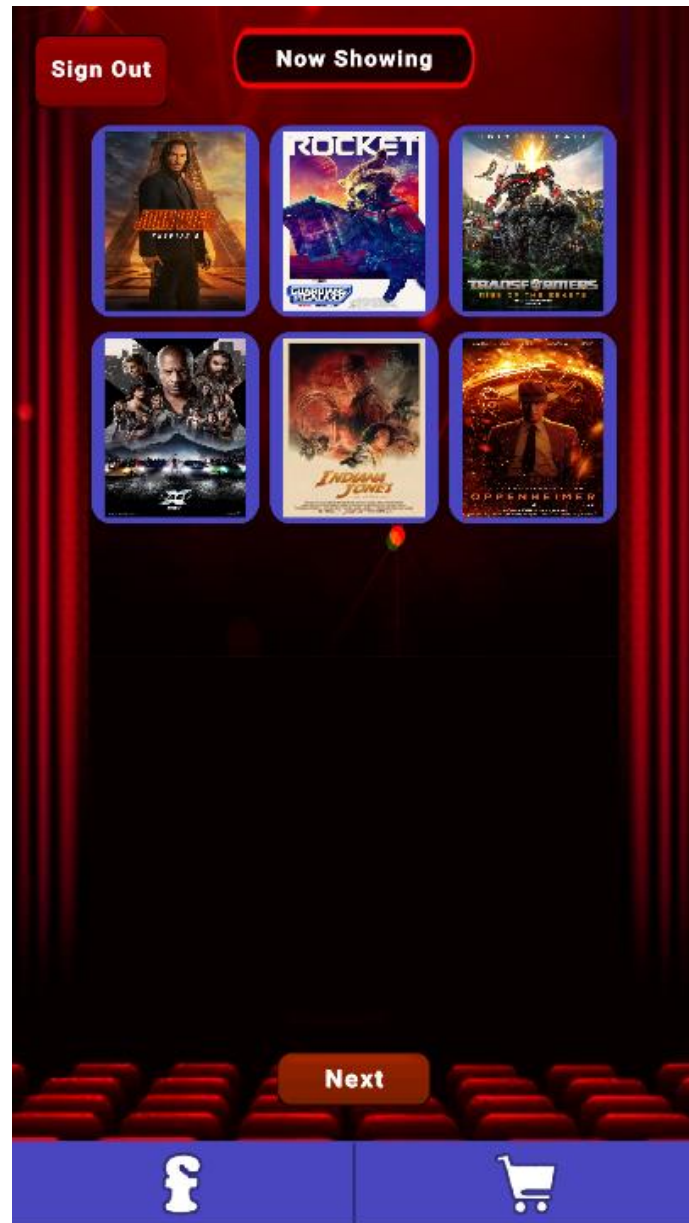
Sprint II Features/User Stories:

- Updated Dashboard/Feed
- Now Showing
- Cinema Selection
- Date and Time Selection
- Seat Planning Chart
- Payment System
- Bookings
- Working backend for storing users and transactions
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This document highlights the features in our app along with the tested acceptance criteria and the video showcases the acceptance criteria.

Updated Dashboard

The app now has an updated and cleaner dashboard design. The left side of our dashboard is our purchasing screen where we can see the movies that are currently being shown. We can use this screen to purchase tickets from different cinemas in Karachi and even choose our seating plan. All of User Stories are incorporated into this dashboard.

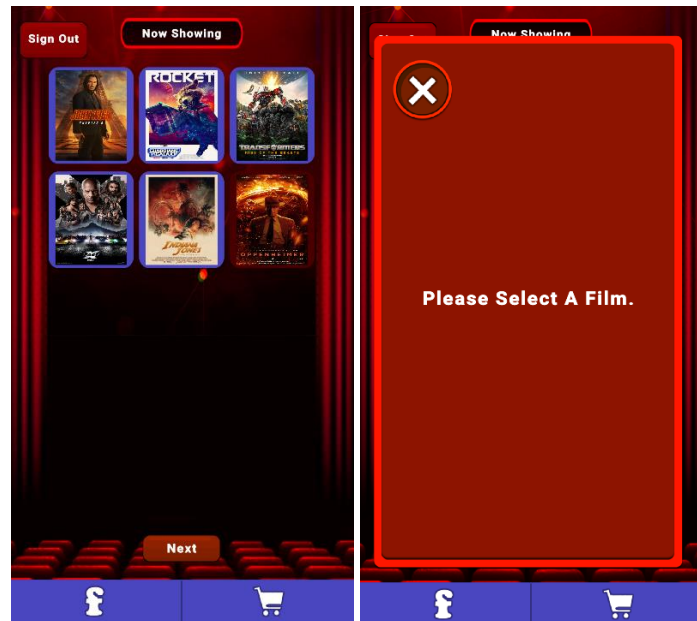


Tested Acceptance Criteria:

- User can Sign Out using the button on the upper left corner.
- User can switch between the purchasing screen and feed.

Now Showing

The purchasing screen has a section for seeing all the current films currently being shown in cinemas across Karachi.

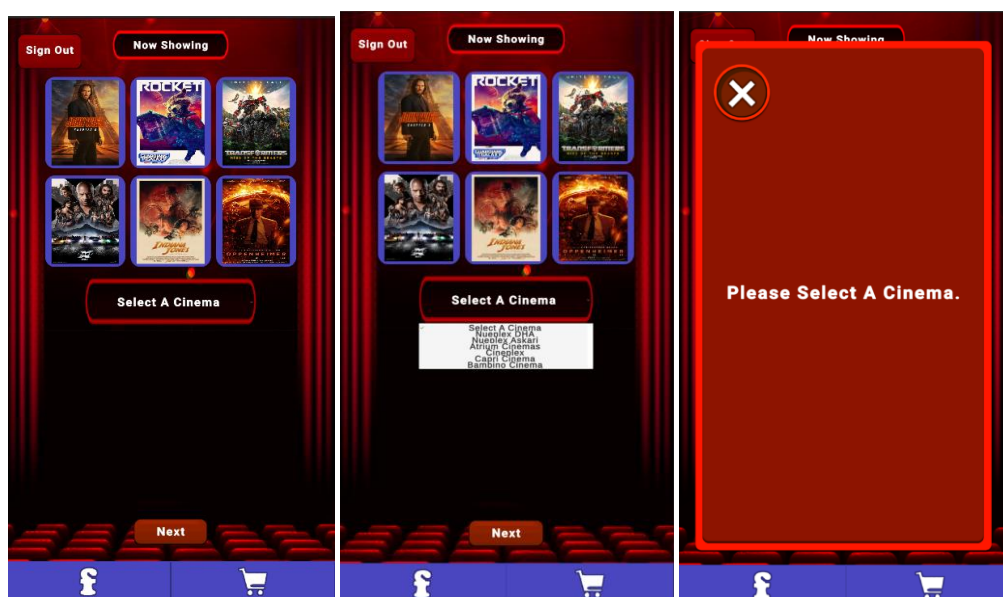


Tested Acceptance Criteria:

- User can view films.
- User can select films.
- User is unable to proceed without selecting a film.

Cinemas Selection

The purchasing screen has a selection for selecting from all the venues in Karachi that are showing these films.

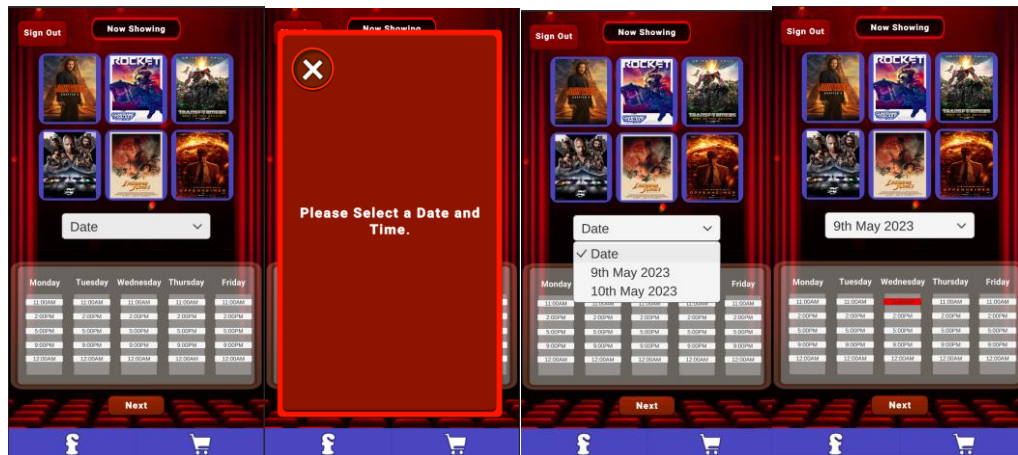


Tested Acceptance Criteria:

- User can select a cinema.
- User can't proceed without selecting a cinema.

Date and Time Selection

The purchasing screen has a section for selecting from a drop down list of date and time to see these films.

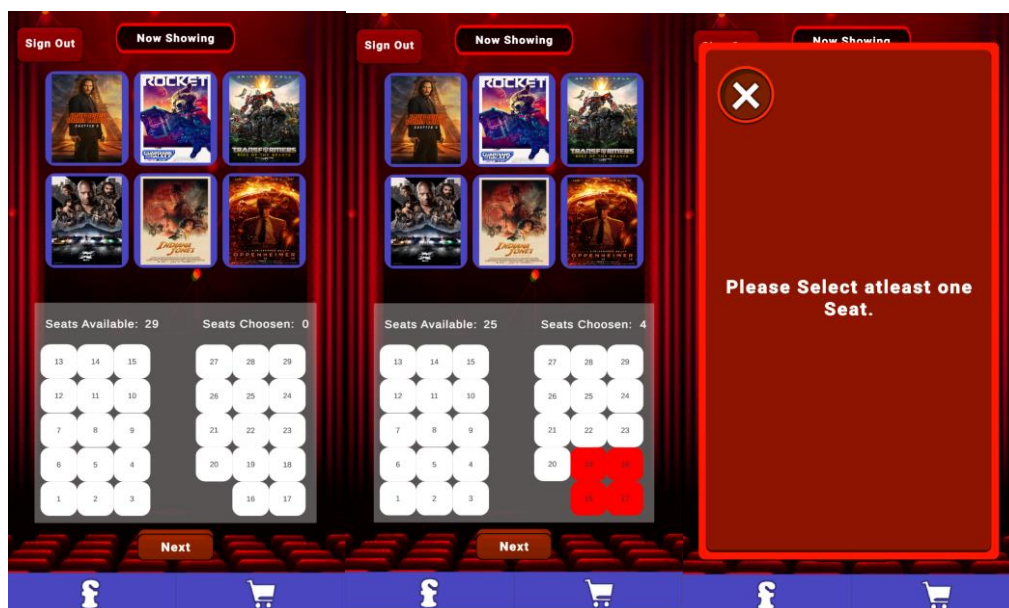


Tested Acceptance Criteria:

- User can select a date and time.
- User can't proceed without selecting date and time.

Seat Planning Chart

The purchasing screen has a seat planning chart to choose their preferred seats.

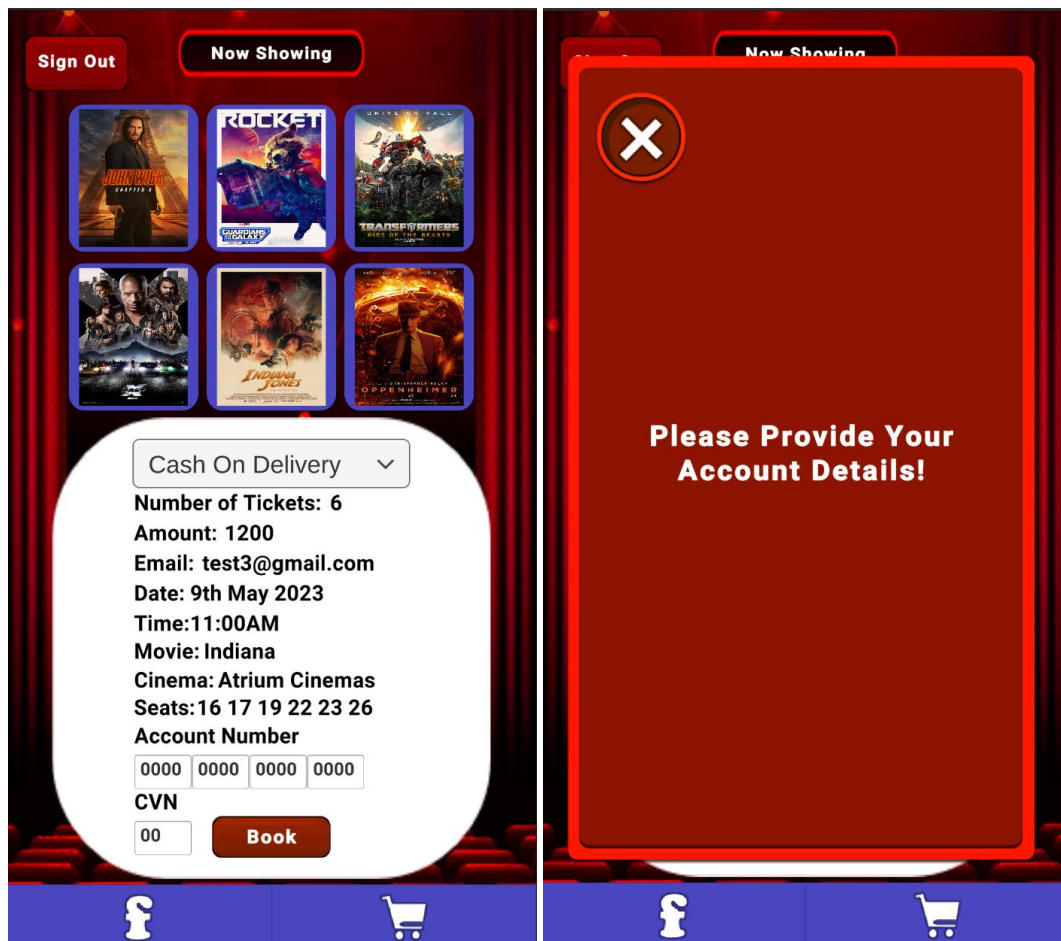


Tested Acceptance Criteria:

- Seat planning chart shows available seats.
- User can select multiple seats from the chart.
- User cannot proceed without choosing at least 1 seat.

Payment System

User receives an invoice with all relevant details before booking and can choose either to pay by card or payment on delivery.



Tested Acceptance Criteria:

- User can conveniently pay and book from home.
- User cannot proceed without leaving card details.

Bookings

The bookings screen shows all transactions made by user which is received through API calls to firebase.



Film	Cinema	Date	Time	Seats	Number of Tickets	Amount
Transformer	Cineplex	10th May 2023	11:00AM	26 27	2	2000
FastX	Bombino Cinema	10th May 2023	11:00AM	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	15	15000

Tested Acceptance Criteria:

- User can view all of their purchasing history.
- User can use transactions as digital invoice for seeing films.

Firestore/Next Sprint

Our firebase Firestore database stores all user login details for validating user. It also stores the transaction history of user. Ideally the next sprint implementation would be to store booking details for each specific show timings to avoid multiple users to book the same film and seats.

