

Event Management System

CSE 326: Information System Design

July 2021 | Department of CSE, BUET

Motivation

A typical event-

- Facebook event page



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- Fill-up registration form (hold)



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A typical event-

- Facebook event page
- Fill-up registration form (hold)
- Pay fee and note Transaction ID
- Fill-up and submit the form
- Manual confirmation
- Information stored on spreadsheets



Motivation

So, we propose a platform solely dedicated for events.

Features (Participants)

- Public Profile
- Payment Gateway
- One-stop Check-in System
- Browse Events (w/ Geolocation)
- Notification on Schedule Changes
- Post-event Feedback

Features (Organizers)

- Public/Private Event Creation
- On-premise Ticket Verification System
- Event Dashboard
- Email Marketing
- Event Live Polls/Quiz

Module | Participants

Search

- Keywords Based
- Location Based

Wallet

- E-ticketing System

Account

- Profile Page
- News Feed

Module | Organizers

Event Planning

- Event Creation
- Event Promotion

Dashboard

- Participants Verification System
- Staff/Speaker Management System
- Live Announcements/Polls
- Advertisement System

Module | Payment Gateway

Organizer

- Subscription Pack

Participant

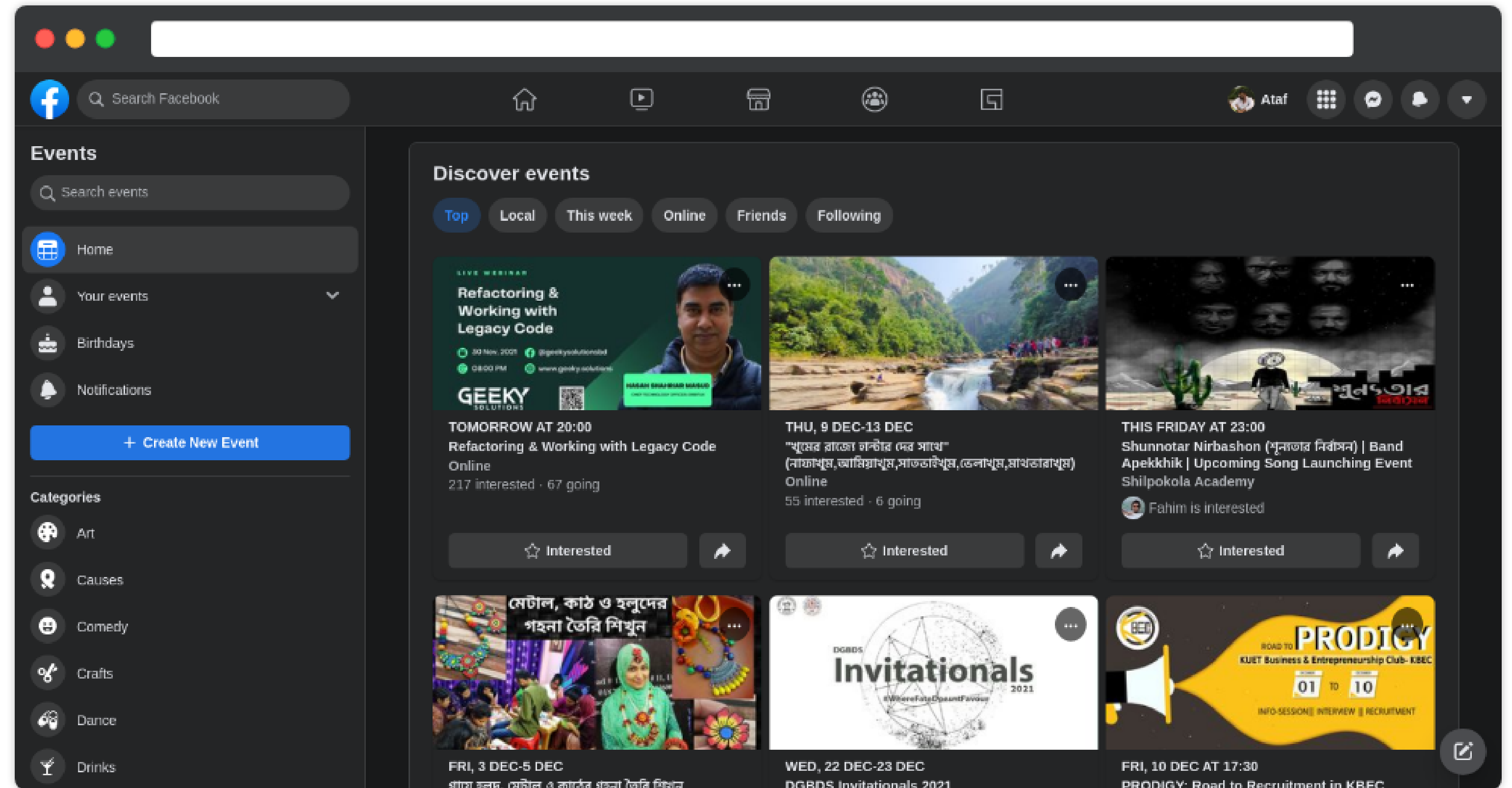
- Instant Registration Confirmation

Examples | Facebook Events

X Sign-up option

X Payment system

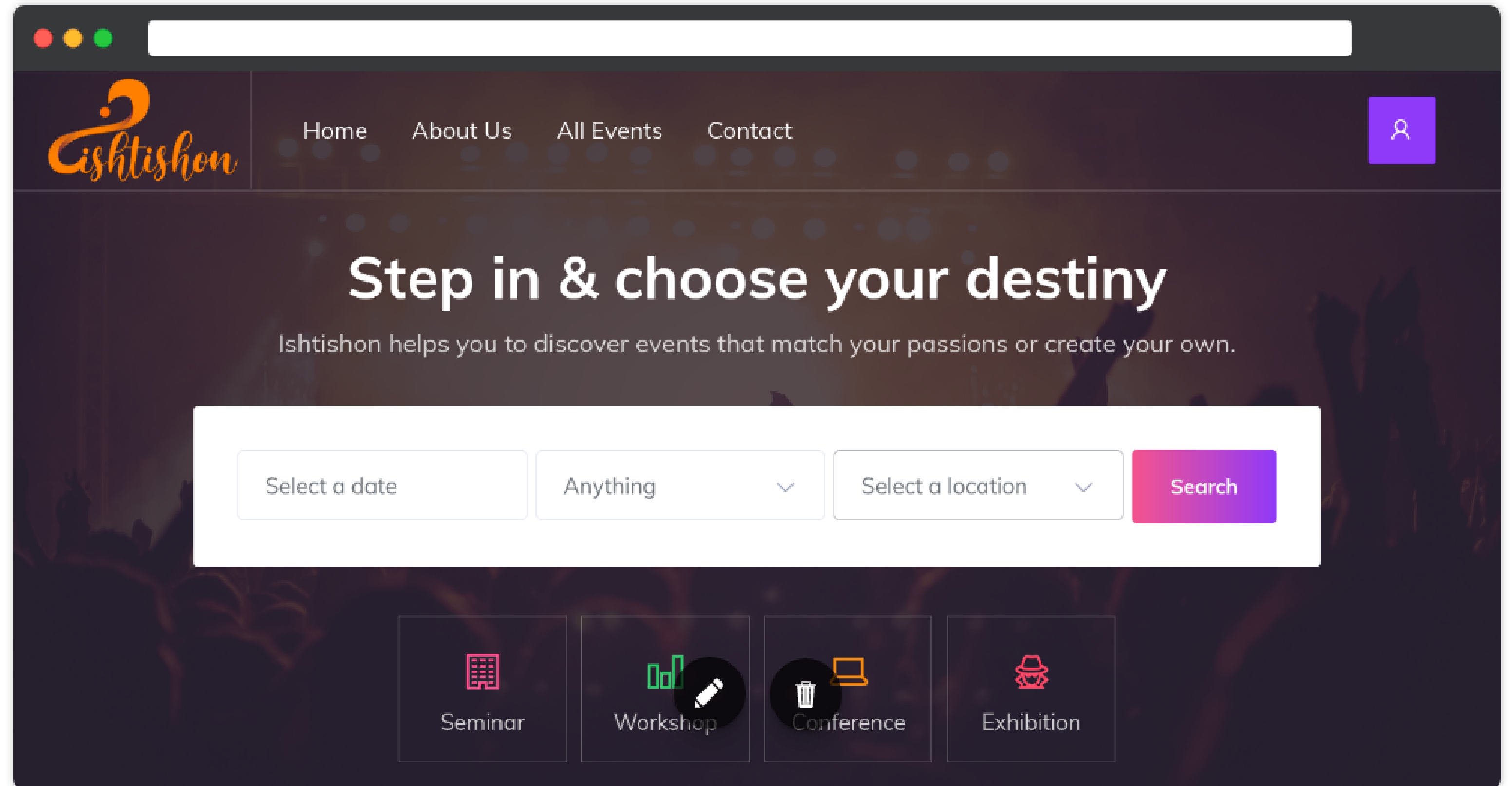
X Ticketing System



Examples | Ishtishon

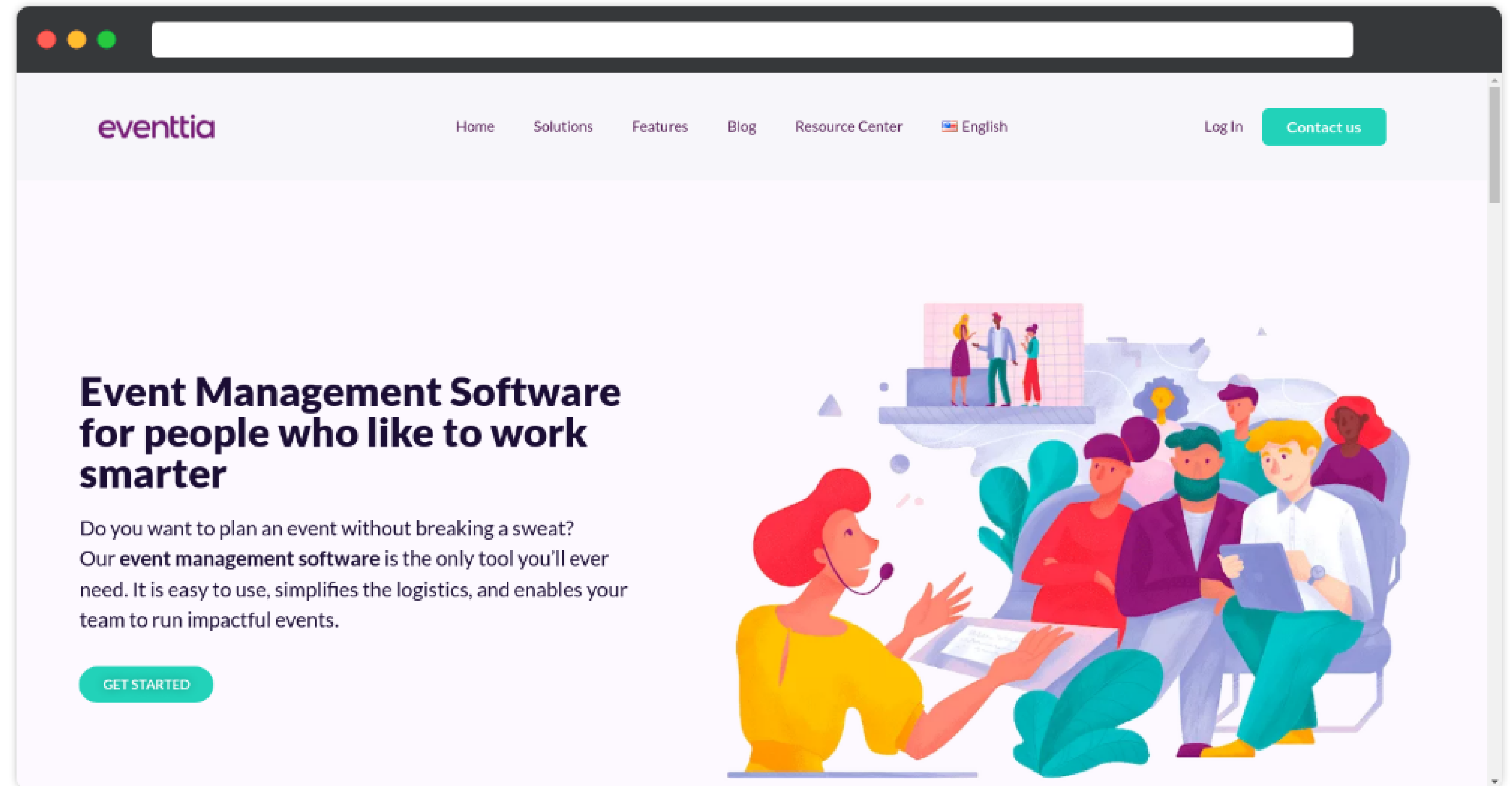
X Check-in system

X Geo-location



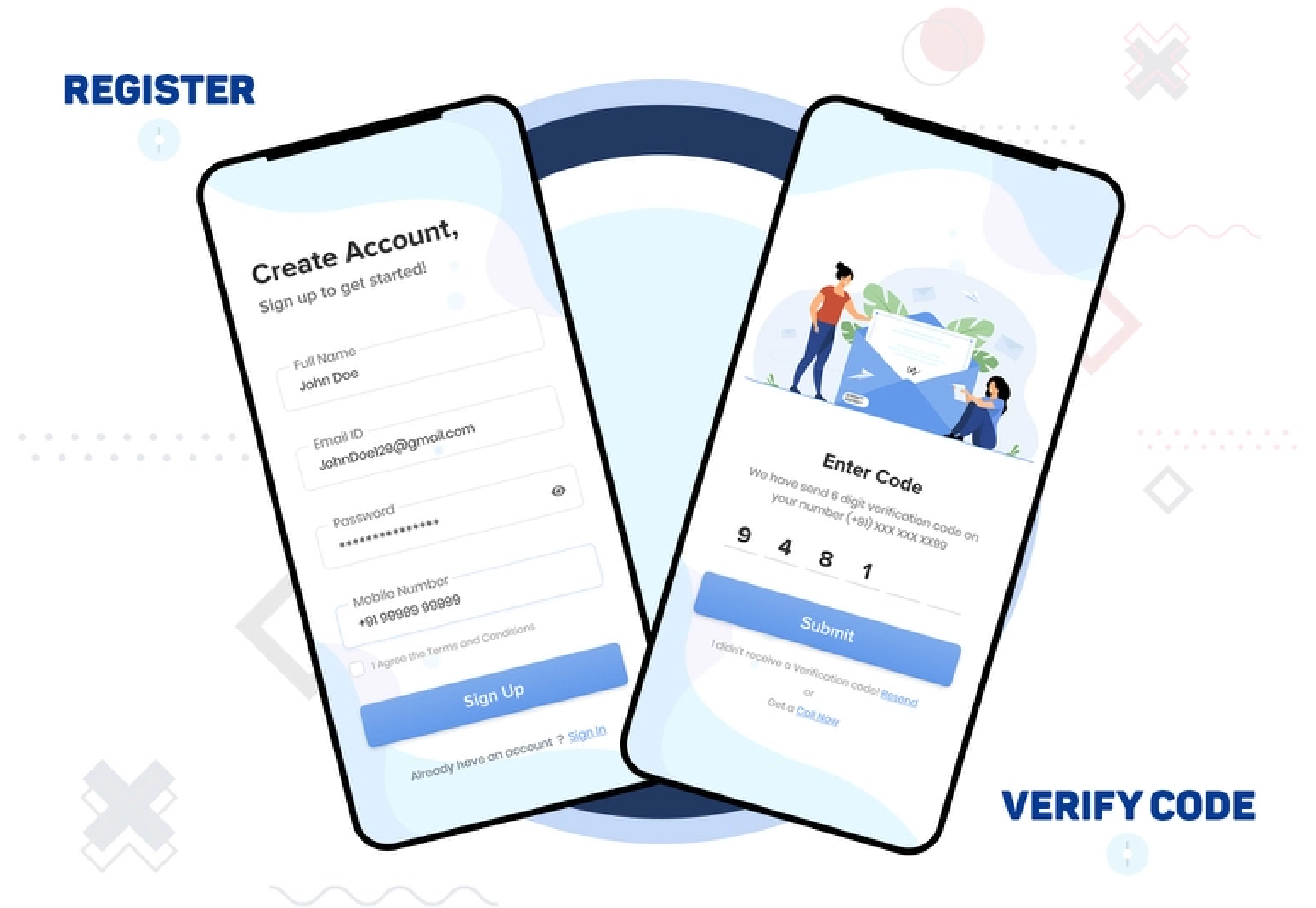
Examples | Eventtia

X No Public Access



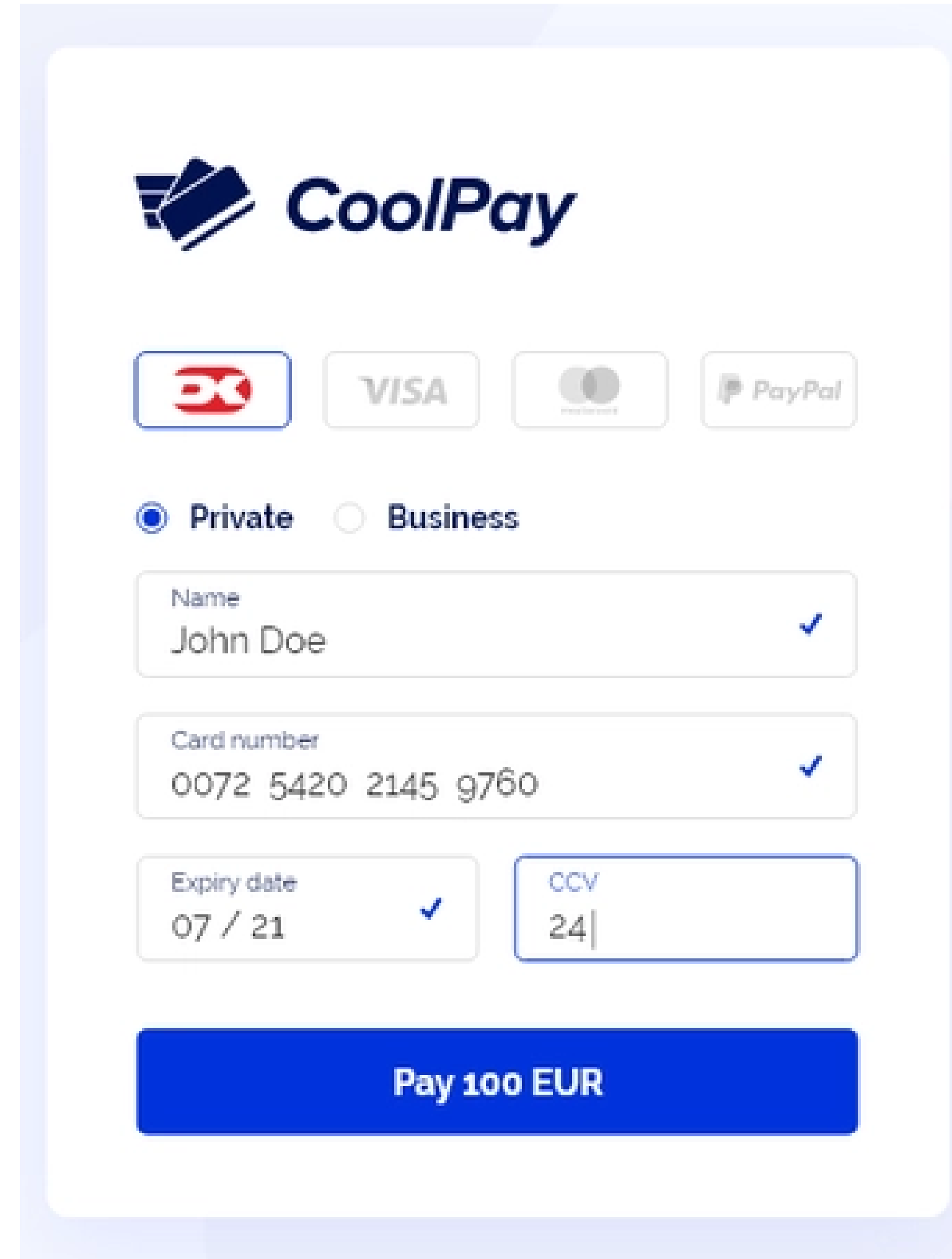
Data Generation Process | Participant & Organizer

Data generated
through user input.



Data Generation Process | Payment & Invoice

Invoice and registration
confirmation generated
through payment gateway



The image shows a payment gateway interface for CoolPay. At the top is the CoolPay logo, which consists of a blue icon of three overlapping rectangles and the text "CoolPay" in a bold, sans-serif font. Below the logo are four payment method icons: a red and white "EX" logo, the "VISA" logo, the "MasterCard" logo, and the "PayPal" logo. Under these icons are two radio buttons: "Private" (which is selected with a blue dot) and "Business". Below the radio buttons are four input fields. The first field is labeled "Name" and contains the text "John Doe" with a blue checkmark on the right. The second field is labeled "Card number" and contains the text "0072 5420 2145 9760" with a blue checkmark on the right. The third field is labeled "Expiry date" and contains the text "07 / 21" with a blue checkmark on the right. The fourth field is labeled "CCV" and contains the text "24" with a blue checkmark on the right. At the bottom of the form is a large blue button with the text "Pay 100 EUR" in white.

CoolPay

☒ Private ☐ Business

Name
John Doe ✓

Card number
0072 5420 2145 9760 ✓

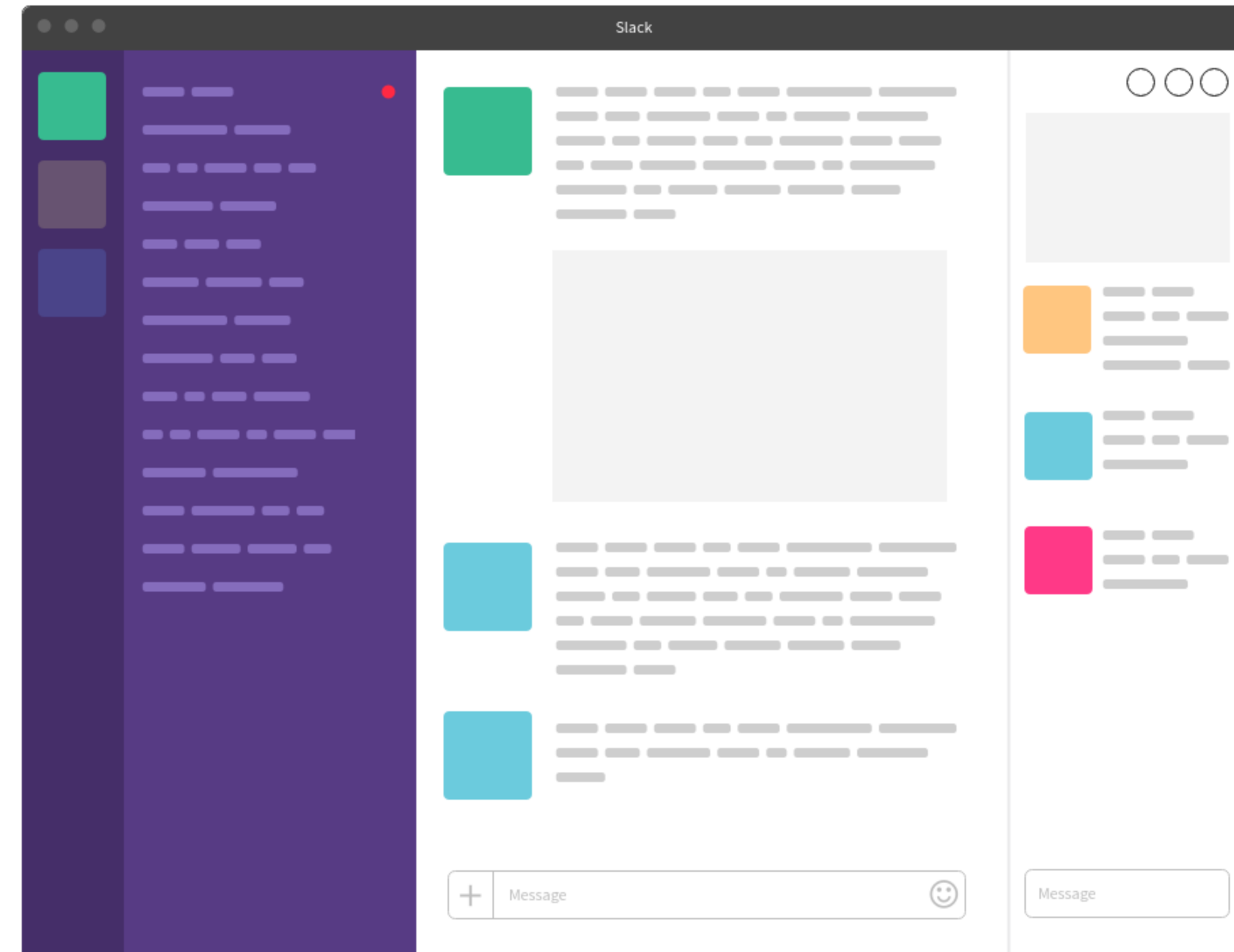
Expiry date
07 / 21 ✓

CCV
24 ✓

Pay 100 EUR

Data Generation Process | Event

Data collected through event
news feed and check-in
system



Distribution | Upcoming Presentation

Presentation	Topic 1	Topic 2
BPMN Diagram	1705067	
Mock UI	1705066	
Class Diagram + ER Diagram	1705074	1705069
Interaction Diagram + State Diagram	1705062	1705063