

SOFTWARE PROJECT DESCRIPTION

PROJECT NAME

Event networking and matchmaking platform

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Reference Website : eventbrite and live wonderpass

1. PROJECT SUMMARY

Our project is an event management platform with two-way login for users and organizers, where users can go search for the event they want to attend and buy the tickets from it. Organizers can create events, sell tickets, track sales, and view attendee details. Additionally, our platform also includes other more features.

2. DESIGN GOALS

COMPONENT #1

END USER/ STORE ADMIN / FRONTEND

GOAL 1

Features / Functions : Dual-Purpose Authentication System

- Implement two distinct login flows: Users and Organization login

GOAL 2

Features / Functions : Search

- search many event such as sports, music, and many more events
- feedback after the event

GOAL 3

Features / Functions : Buy tickets

- payment through webpage
- use generate code to check-in the event

COMPONENT #2

ADMINISTRATION PANEL / BACKEND

GOAL 1

Features / Functions : Create event

- Able to create events for end user to buy tickets for

GOAL 2

Features / Functions : Progress of Ticket Sale

- Display the number of the ticket being sold for each event
- show buyers list and registered name and id

GOAL 3

Features / Functions : check in

- Organizer get the generate ticket code to check in

GOAL 4

Features / Functions : Show Feedback from Users

- Able to see feedback after event ends

COMPONENT #3

API AS CENTRAL SYSTEM (END USER PANEL/ ADMIN PANEL, MOBILE INTERGRATED)

GOAL 1

Features / Functions : API for login

- handle for 2 way login
- Manage user and role

GOAL 2

Features / Functions : Event Management & Discovery API

- Enable users to search, view, and interact with local events.

GOAL 3

Features / Functions : Ticketing & QR Management API

- Handle ticket sales, generate code check-in, payments, and tracking for both users and organizers.