

Event Management Platform

Tech Stack

1. **Backend** - Google Cloud Functions (GCF) - TypeScript
2. **Frontend** - Next.js
3. **Database** - Firebase

Software and Services

1. **ERPNext** - Accounting and administration
2. **Digio** - Creator KYC
3. **MSG91** - For SMS
4. **Meta** - For WhatsApp communication
5. **Email** - Mailjet
6. **Payment Gateways** - Razorpay, PayU, PhonePe
7. **RazorpayX** - Creator money withdrawal

Reference

- [Townscript](#)

Main Modules

1. Creator Onboarding

Process for creators to join the platform.

2. Creator KYC

Using Digio for Know Your Customer verification.

3. Allowed Products and Withdrawal Settings for Creator

Configuration for creators regarding allowed products and withdrawal options.

4. Creator – Event View Page

- **a. Overview Page** - Display analytics of event

- **b. Basic Details Page** - Where creator can update basic details of event like title, category, visibility
- **c. Schedule Settings of Event**
- **d. Location of Event** - In case of in-person event; for virtual need option for Zoom, Google Meet
- **e. SVG Seat Selection** - In case of seat booking event
- **f. Multiple Venue Selection and Time Slot Selection** - In case of multi-venue recurring event
- **g. Event Types** - There are 6 types of event:
 - Virtual: Zoom, our internal premium Zoom, others
 - In-Person: Multiple form (on each qty user have to fill form), Buyer Only (only 1 form to fill), seat booking where we show seat layout like movie booking
- **h. Description and Photos** - We can add description of event, photos of event

5. Ticket Creation

- **a. Types** - Paid, free, donation ticket
- **b. Normal Ticket Configuration** - Like start date, end date, visibility
- **c. Charges Settings** - Like platform fee, gateway fee whose gone bear like creator or buyer option
- **d. Clone Ticket**
- **e. Assign Category to Ticket**
- **f. Sequence in Ticket**
- **g. Addons in Ticket**
- **h. Order the Tickets**
- **i. Attach Forms to Ticket** - In multi-form event

6. Discount

Advance discount with multiple types of discount.

7. Event Inquiries

8. Event Followers

9. Manual Registration by Creator

He can do single booking or bulk booking with Excel.

10. Sections

- Speakers
- Gallery
- FAQ
- Testimonials
- T&C
- Cover Gallery

11. Advance Options

- **a. Event Reminders**
- **b. Email Reports to Creator**
- **c. Delete Event Option**
- **d. Pre-Approved Attendees Only** - Uploaded Excel numbers allowed to register
- **e. Duplicate Registration Prevention**
- **f. Stop Multiple Free Ticket Purchase**
- **g. Attendees Can Edit Their Details**
- **h. Transfer Ticket Option**
- **i. Check Box Ticket Selection**
- **j. Radio Ticket Selection**
- **k. Team Registration**
- **l. Staff Registration** - We can purchase ticket from buyer event page by adding passcode
- **m. GST Configuration** - Per event per ticket
- **n. Offline Payment**
- **o. Custom Invoice Option**
- **p. Display and Branding Section**
- **q. Website Embedding** - Pop up, iframe
- **r. Facebook Tracking, Google Tracking** - Per event, per ticket
- **s. Send Announcement Email**
- **t. UDF Param Upload for Scanning**

12. Event Creation Flow

13. Event Edit Flow

14. Dynamic Form Builder

15. Buyer - Event Landing Page

16. Buyer - Ticket Selection Page

17. Buyer - Form Fill Up

18. Buyer - Checkout Page

19. Payment Flow - Critical

20. Service - Allocate Tickets to Buyer

21. Accounting of Payment

22. Communication with Buyer and Seller - With ticket and invoice

23. Seller - Withdrawal

24. Seller - Monthly Invoice

25. Event Explore Page

26. SEO

27. Creator Balance Hold

28. Refund Flow

29. Payment Dispute

30. Reports

31. Event Scanning and printing