TiQR API Integration

Base URL:

https://api.tiqr.events

Authentication

Bearer Token authorisation with access token generated as below.

Authorisation

Once setup with TiQR Events is completed, a **session-id** is shared. With this session-id, access token can be generated. Once the access token is created, it is valid for 30 days. After which it has be to regenerated.

Generating access token

POST /participant/booking/custom-token/

```
{
  "session_id": "xxxx"
}
```

Response

```
{
    "access_token": access_token, // use this for all other API calls in header as bearer token
    "user": logged in user information // can be ignored.
}
```

Create a Booking

URL: /participant/booking/

Body:

```
{
  "first_name": "",
  "last_name": "",
  "phone_number": "+917795937091", // in international format with +91 and no spaces or special chars
  "email": "", // required
  "ticket": int,
  "quantity": "",
  "meta_data": {
      // you can add custom JSON here, if needed. if empty, send an empty object.
  },
  "callback_url": ""
```

```
    }
```

Response:

```
{
    "booking": {
     "id": int,
     "participant_identification_id": "TQ-xxxxx",
     "uid": "xxxxxx" // this is the ID you should be storing and using for further communications,
    },
    "payment": {
        "url_to_redirect": "" // redirect the user to this URL
    }
}
```

Create Bulk Booking (Cart model)

URL /participant/booking/bulk

```
{
  "bookings": [
    // same object as individual booking
  ]
}
```

Get Booking Details

URL: /participant/booking/:uid/

```
{
  "id": 58851,
  "uid": "ryU7nHRDccWslWlAZ8abx",
  "ticket": {
    "id": 352,
    "amount": 0,
    "sold_tickets": 6261,
    "remaining_tickets": -1,
  },
  "email": "anroopak@gmail.com",
  "first_name": "Roopak A N",
  "last_name": null,
  "phone_number": "+917795937091",
  "status": "confirmed",
  "meta_data": {
```

```json
    },
    "ticket_snapshot": {
      "id": 352,
    },
    "booking_id": "TQ-Y2025E258B58851",
    "created_at": "2025-01-06T11:54:38.553955+05:30",
    "quantity": 1,
    "ticket_pdf": {
      "id": 43466,
      "pdf": "<https://tiqr-events.sgp1.cdn.digitaloceanspaces.com/tiqr-
events/tickets/generated/event_258_Global%2520Job/%252B918289850780__ryU7nHRDccWslWlAZ8abx.png>"
    },
    "invoice_pdf": null,
    "applied_discount": null,
    "booking_addons": [],
    "seats": [],
    "booked_by": 37982,
    "child_bookings": [],
    "payment": {
      "event": null,
      "ticket": null,
      "booking": null,
      "status": null,
      "amount": null,
      "provider_order_id": "",
      "payment_id": "",
      "signature_id": ""
    },
    "event": {
      "id": 258,
      "name": "Global Job Fair",
      "logo": null,
      "cover": {
        "id": 4215,
        "image": "<https://tiqr-events.sgp1.cdn.digitaloceanspaces.com/tiqr-
events/media/images/628083bfa07441ae84c84c6e6093de5d-og-image.png>"
      },
      "start_date": "2025-01-11T09:00:00+05:30",
      "end_date": "2025-01-12T17:00:00+05:30",
      "short_description": "Global Job Fair 2024 | Kannur Corporation",
      "genre": "Conferences",
      "is_online": false,
      "is_public": false,
      "is_published": true,
      "address": {
        "name": "Kannur Indoor Stadium",
        "geometry": {
          "location": {
            "lat": 11.891816,
            "lng": 75.4088148
          },
          "viewport": {
```

```
                "east": 75.4101656802915,
                "west": 75.40746771970848,
                "north": 11.8933077302915,
                "south": 11.8906097697085
              }
          },
          "place_id": "ChIJL99bn-o8pDsRxs92RnCk0hw",
          "plus_code": {
            "global_code": "7J3QVCR5+PG",
            "compound_code": "VCR5+PG Elayavoor, Kerala, India"
          },
          "formatted_address": "Kannur - Mattannur Road\\n670597\\nMundayad - Kakkad Rd\\nElayavoor\\nKerala
      670597\\nIndia"
        },
        "priority": 0,
        "is_recurring": false,
        "recurring_type": null,
        "recurring_interval": null,
        "closed_days": [],
        "closed_dates": [],
        "external_booking_url": null,
        "customisation": {}
      }
    }
```

<aside> 💡

You can use booking.ticket_pdf.pdf (this is a PNG image) to show the ticket URL

</aside>

Webhook

Body

```
  {
    "message": "",
    "meta_data": {
      "booking_uid": booking.UID,
      "booking_status": booking.status,
        "booking_quantity": booking.quantity,
        "booking_id": booking.participant_identification_id,
    }
  }
```

Response

Send any success response with header as 200, 201 or 204

Creating Events

> ℹ️ **Creating Events**
> 1. Upload the poster
> 2. Create the Event
> 3. Create Ticket(s)
> 4. (Optional) Add brochures using the Posters API

Create an Event

POST /organiser/event/

Auth - **Bearer token** **(required)**

> 📣 Add cover photo before creating the event.

```
{
    // ----------- required fields  -----------
    // Name of the event
    "name": "string",
    // Start date and time of the event eg. "2025-10-25 10:00:00"
    "start_date": "string",
    // End date and time of the event eg. "2025-10-25 10:00:00"
    "end_date": "string",
    // Brief description of the event
    "short_description": "string",
    // Whether the event is online/virtual
    "is_online": "boolean",
    // Whether the event is publicly visible
    "is_public": "boolean",
    // Whether the event is published and visible
    "is_published": "boolean",
    // Category/type of the event - supported values - "Meetups", "Conferences", "Workshops",
"Performances", "Festivals", "Seminars", "Webinars", "Competitions", "Conventions", "Exhibitions",
"Virtual Events", "Other"
    "genre": "string",

    //  -----------  NOT required fields  -----------
    // Detailed description of the event
    "description": "string",
    // Location details of the event
    "address": {
        // Google Maps Place ID for the venue
        "place_id": "string" // use ChIJAQAAUP1CpjsRbNo7ldt3ir4 for NIT Calicut
    },
```

```
    // Array of tags associated with the event
    "tags": ["string"],
    // Event cover/banner image. First upload the cover using the API below. And use the ID here.
    "cover": "int"
  }
```

Uploading Cover photo

POST /organiser/media/

Body (NOT JSON - form-data)

image = cover photo in binary

Response

```
{
    "id": 1032,
    "image":
"https://tickerevents.sgp1.cdn.digitaloceanspaces.com/tickerevents/media/images/125918d5904143e9b6e8411a50
1cbddb-KEA_2025.png",
    "path": null
}
```

Uploading Posters

Has to be done after event creation.

URL organiser/event/{{eventId}}/poster/

Body (NOT JSON - form-data)

file = poster in binary

Add Tickets

POST /organiser/event/{{eventId}}/ticket/

```
{
    "type": "Test Ticket ",
    "description": "Tickets for Test Event",
    "amount": 10000, // in paise = rupees x 100.
    "gst_on_ticket": 0,
    "fee_paid_by_buyer": true,
    "allow_bulk_booking": true,
    "allow_waitlist": false,
```

```
        "limit": 150,
        "has_limit": true,
        "per_user_limit": null,
        "minimum_booking": 1,
        "maximum_booking": 50
    }
```

Complimentary Booking API

POST /organiser/event/{event_id}/booking/

Auth: Organiser Auth

Body:

```
{
  "booking_type": "complimentary"
  "first_name": "",
  "last_name": "",
  "phone_number": "+917795937091", // in international format with +91 and no spaces or special chars
  "email": "", // required
  "ticket": int,
  "quantity": "",
  "meta_data": {
      // you can add custom JSON here, if needed. if empty, send an empty object.
  },
  "callback_url": ""
}
```

Response:

```
{
    "booking": {
     "id": int,
     "participant_identification_id": "TQ-xxxxx",
     "uid": "xxxxxx" // this is the ID you should be storing and using for further communications,
    },
    "payment": {
        "url_to_redirect": "" // redirect the user to this URL
    }
}
```

Implementation Guideline for TechFest

Case 1: Event registration

When the user does only event registration use the [General event booking API](#)

Case 2: Delegate Registration (multiple events)

- Create the Delegate registration as a "Private" event.

- Create other events also.

- When you get a web-hook with the Delegate event registration confirmation, call the ["Complimentary" booking API](#) for each of the sub-events.