

Mobile and Web App Development

Techspeak Technologies is an IT Services developer based in Jaipur, Rajasthan. We have designed and launched applications for Mobile and Desktop (web-app), including an app which provides live feeds from temples and other places of worship to the viewers and believers. We also have an application that can track the attendance and participation of visitors at various events, where we can manage the entire visitor flow based on QR codes issued to visitors.

We also have the capacity to design and develop mobile and web applications as per the requirements of the clients.

Techspeak Technologies is a Unit registered with Department of Industrial Policy and Promotion (DIPP) and is **recognized as a Startup** under Regn. No. **DIPP14065**, since 16-06-2015.

Techspeak Technologies is also a listed startup with **iStart** program of Govt. of Rajasthan, with the registration number as **5F6296B**.

The features of the online Place of Worship Darshan Management Solution are:

An end-to-end digital online place of worship darshan management solution for end users with following key features:

- Accessing the video feed from place of worship over public internet connections
- Aggregating the feed over a web-based feed management system
- Individual micro website on subdomain/directory will be provided to each temple
- Access to individual place of worship management over internet, to a portal via login, for managing their darshan
- Online viewing of place of worship via website and mobile application
- Fallback feed in case of technical snag or “pat band”
- Ability to create accounts for website visitors
- Ability to choose, sort, favorite etc. of deities for visitors, after login
- Notifications for Darshan open, festivals, special days etc.
- No limitation on number of visitors
- Mobile Application

The features of QR based Participation Management System are:

Managing the entire participant attendance and their journey in all events conducted by the organizers.

Workflow

QR allocation for the event

Before the event starts, a sequential series of QR codes will be mapped to the event for tracking purpose.

Registration

1. Pre-registered on the portal before coming to the event
 - a. The participant will visit the portal and register by giving their details like Mobile number, Name, etc.
 - b. On arrival at the event the registration desk shall confirm their mobile number (using the API to get the registration details of the participant) and map it to a pre-printed QR code.
2. Participants can register at the event
 - a. They shall provide all the details including their mobile number and a QR code shall be mapped (using the API to get the registration details of the participant) on the spot to the participant.
3. The participant shall be allocated a Role in the event
 - a. Example roles: Student, Organizer, Employer, Friends of Festival, Delegate, Speaker etc.
 - b. Based on the role they shall have different lanyard color as well as different action items that will be mapped in the system.
 - c. In order to initiate any action item after issuance of the lanyard the participant shall be expected to present the QR code at various desks.
4. An appropriately color-coded lanyard with the QR code sticker shall be allocated to the participant.
5. Participants based on the role might also be given credentials to log in to system. The system shall show different action items based on the role of the participant.

Now every participant can be identified by a QR code stuck on his lanyard.

Action Items

- A. The following workflow is based on a sample role of the organizer distributing gift to participants:
1. The participants shall approach the organizer for getting a gift.
 2. The organizer shall scan the participant's QR code on their mobile phone.
 3. The system shall check if the participant has already been given the gift.
 4. If the gift has not been given yet, it will mark the action item of the participant for receiving the gift.

B. The following workflow is based on a sample role of an employer:

1. The student shall approach the employer for an interview
2. The employer shall scan the participant's QR code on their mobile phone.
3. The system shall check how many times has the participant already appeared for the interview and based on the permissible number shall either allow the participant to go ahead with the interview or not.
4. This will mark the attendance the participant for an interview with the employer.
5. After the interview the employer shall change the status of the participant to Selected, Rejected, and Shortlisted etc. and can put a comment against it.

Therefore, the underlying workflow of all action items shall have the following parameters in common:

1. Which participant type is allowed what action type
2. How many times can the participant appear for an action type
3. What are the various stages on successfully completing an action type

Dashboard

A central dashboard shall be provided to the administration with the following features for each role:

1. Attendance charts / graphs
2. Count of action item participation
3. Count of action item results
4. Any other reports that are required

Note: all dashboard data shall appear in real time.

We are ready to serve any requirements regarding design, development and maintenance of all types of Web and Mobile Applications.