

**PMx** is a database management software

Database versions

- offline
- online

Database contains presenters, presentation names, session names, room names, session dates-times etc information

The offline local database will be hosted on a physical server that travels from conference to conference.

Assuming 15 no of users simultaneously (user per meeting rooms) connected to offline db and offline db calls online db in every two minutes to check new updates.

Offline App options (for show mode)

- Desktop
- Web

Online App Option

Type: Web Based (Responsive Cross Platform)

**User Modes/Roles:**

1. Manager (Technical Administrator) - Configuration, User Management, Application Dictionary
2. Organizer (Supervisor) - Manager Mode Read Only
3. Speaker (Presenter) - User End (Web Portal)
4. Show Mode (Presenter View Only) - Session Mode (using offline db)
5. Post-Conference (Audience) - Shared Repository (Online Website)
6. Technicians - For Support ticketing system

**PMx Controller** - (Show/Conference database) | SuperAdmin

only PMx team (PMx administrator) can create/modify/delete show profiles  
Upload Matrix - Excel matrix (spreadsheet) session/presentation information  
User Management

**PMx process**

matrix guideline document (spreadsheet) format will be send to client  
after receiving (spreadsheet) will be uploaded to Show/Conference database  
after successful upload a "welcome email" will be send to all speakers with a unique username and generated password

## USE CASES

### For Speakers

Web Portal URL will be in welcome email and login with provided userid/pass and asked to change their password upon first login

They can upload files for there sessions

first step of upload screen will show a questionnaire

after that they can drag and drop or browse their files

### For Managers/PMx administrator

create users using the user management window

login to the manager interface and have virtually full control of the database

### For Organizers

Similar to the manager interface with some privileges removed

### For Show mode

connected to the offline local server located at the venue

### For Post Conference

The offline server is completely erased and made available for the next show

The PMx administrator will enable the archives on website for the show

Organizer will enable a user management system for attendees for that presentations are not made public

Organizer will remove session date-times or room names from being displayed to the users

### ### Technical aspects ###

Some of these features can be enabled/disabled based on which “SAAS” package the customer purchases (**need to be discuss**)

G. Phase 2 flagging second point is **unclear**

File integrity and send alerts to PMx admin/technician

Language Files -> IS Properties File ? e.g. Custom headers, banners set for all venues/session/conferences

Version Tracking -> IS File versioning ? and archiving last files

Record modification history maintain

Virus scanning -> not doable (**need to be discuss**) - (if using fire storage google will ensure virus scanning)

Defining Custom SMTP Servers for managers (SMTP Server will be accessible through internet ?), Custom welcome emails templates (done)

Post-Conference Archive PDF Conversion **Not Defined**

Mirroring Stats **Not Defined**

Is offline database will be one for all show mode or each show mode will have it's own local db ?

**Modules**

- User management system
- Support ticketing system for speakers, (live chat feature is required)
- PMx Controller system (Manager/Organizer)
- Speaker Web Portal
- Audience Website
- Client App for local db (show mode)

**Known Challenges (Ans)**

a) by making email as unique ref if speaker has a composite relation with session/show and if he/she is already register than just new session email will be sent rather than sending userid/pass

b) once setting up local database server pull requests will be done in non peak hours and by queuing scheduler's