INTER-DEPARTMENT MESSAGING APP PRD

Version: 0.1-0.4

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1. Purpose
The purpose is to create an android app to ease the communication between the employees in and across departments.

2. Scope
The scope of this document includes all the major features that have high priority and all the extra features that have to be included on completion of version 0.1.
The document follows a schema i.e:

No symbol	: Implemented in version 0.1
*	: Implemented in version 0.2
**	: Implemented in version 0.3
***	: Implemented in version 0.4

3. Stakeholders
- **Super Admin (Only one)**
  Creates the structure of departments and its classification into location
  *Add/ delete departments
  *Authorizes the Admin of each Department

- **Admin (One for each department)**
  Authorizes employees and their details
  *Can update employee details
  *Can tranfser employee from one department to another
  *Can remove employees

- **Employee (User)**
  Send/ receive messages.
  *Send/ receive documents (pdf, jpeg, png, *odt, doc, docx, ppt, pptx*)
  *Broadcast messages
  **Create and confirm availability for events

4. Product Requirements
Sessions
*Documents/ Images can be shared in a session
*Search a message.
*On clicking on someone's name, it will take you to their profile (Name, Designation).
**Sessions have a pinning feature
***Send images from the viewfinder
***Video calling

Sessions are of 2 types- Temporary and Permanent

Permanent Sessions-
An employee, on successful registration, will be added to a permanent session of his/ her respective department.
The permanent session will always be at the top of the chat list
The permanent session will contain all the members of that specific department.

Temporary Sessions-
Employees can be added/ remove by the session admin   .
Individual and group sessions will be together.
A name is needed to be inserted for each session, for a one-to-one session it is the name of the other person.
Sessions have 2 options to lock(Messages can only be read) and delete(Delete permanently).
Invitation is needed to join a session.
There shoul be a filtering option to select employee's from other departments
*Sessions can be shared- The entire conversation in a session will be converted to a pdf and then it can be sent to anyone.

***Broadcast:**
Anyone can broadcast, and it will be sent to everyone in that department.
Static page
**Admin can broadcast across departments.

***Events:**
Cronological order with date of the event.
Consists of:
- Event name
- Venue
- Time
- Employee inchare

**Option to opt-in or opt-out

Registration:
Once he registers he has to be confirmed by the admin(on a webpage) then only the employee can access the chat.
Consists of:
- Name   (Verification with DB)
- EmpId   (Verification with DB)
- Aadhaar
- Phone no.   (Verification with DB)
- Email Id
- Department (Dropdown)
- Location (Dropdown)
- Designation

*OTP feature to register

Login:
The employee should be logged in at all times to get real-time messages.
The Employee will have to login when he changes his phone or reinstalls the app
Consists of:
- EmpId

- Phone no

Profile:
User can make changes to his profile but will have to be autherised by the admin(on the webpage)
Consists of:
- Name
- Designation
- Department
- Location
- Status

***Feature for disabled
Text to speech
Speech to Text