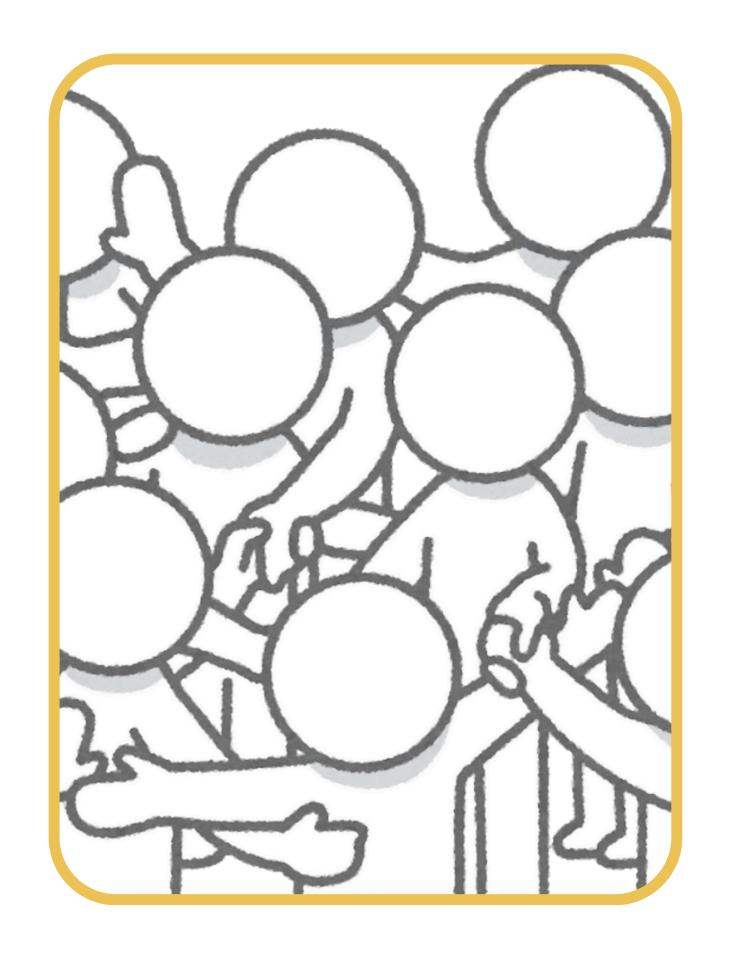
# PROJECT PRESENTATION

### CONNECTIFY

UDAY BELDE & APARNA S MENON

## ABOUT CONNECTIFY

- Connectify is a Residential Community
   Notification System designed to streamline communication within residential communities.
- It provides a centralized platform for sharing real-time notifications, managing events, and facilitating seamless interactions between residents and administrators.
- The platform aims to enhance community engagement and ensure that residents stay informed, connected, and involved.



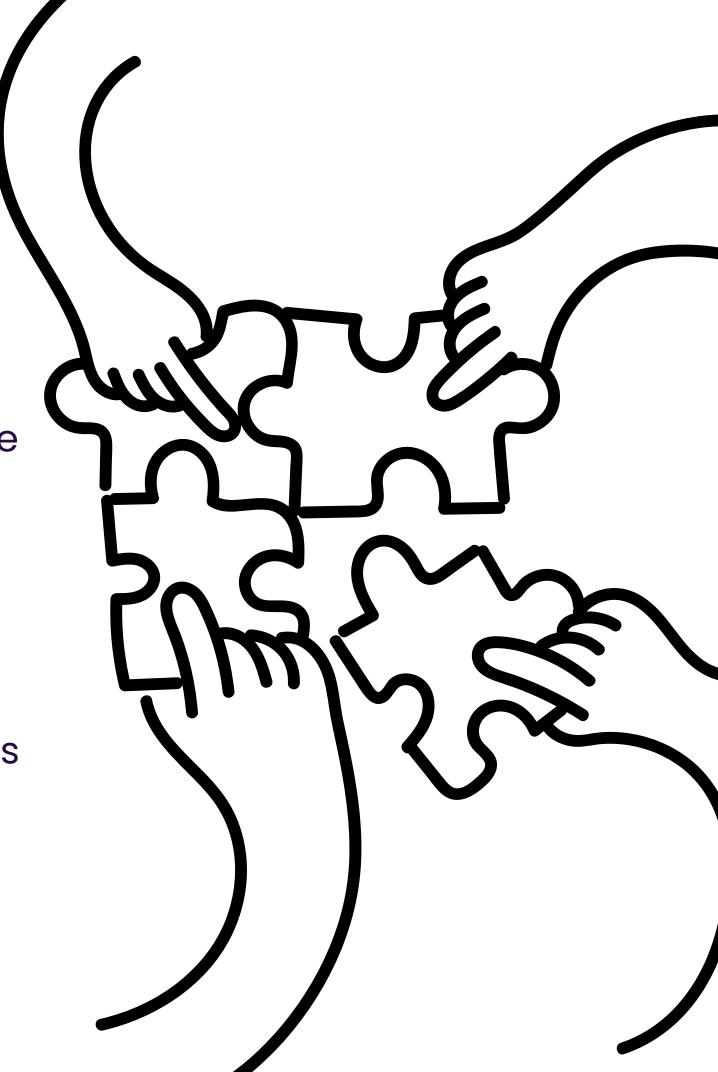
## WHY? CONNECTIFY

 Inefficient Communication: Traditional methods like notice boards and paper circulars are slow, inconvenient, and often missed by residents.

• Lack of Centralized Management: Communities struggle to manage notifications, events, and complaints effectively without a unified platform.

 Delayed Information: Residents are not promptly informed about emergencies, events, or important updates.

• Limited Engagement: Minimal opportunities for residents to provide feedback, participate in polls, or actively engage with community activities.



## "CONNECT. INFORM. THRIVE."

Build a strong sense of community by creating a platform where residents and administrators can seamlessly interact and collaborate.

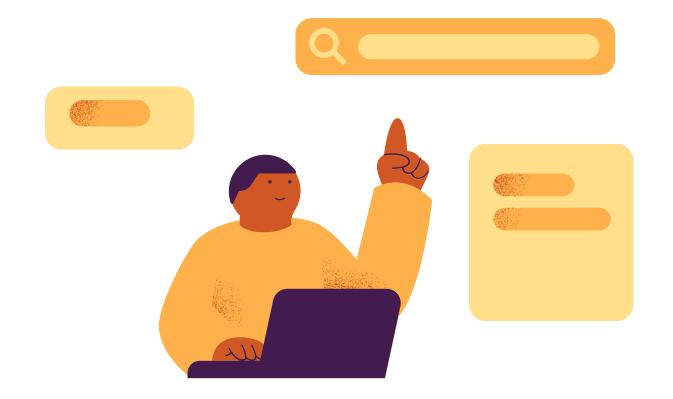
Ensure timely and efficient delivery of notifications, alerts, and updates to keep everyone well-informed and prepared.

Foster engagement, participation, and a sense of belonging, enabling communities to grow and succeed together.

## KEY FEATURES OF CONNECTIFY

### **Authentication Api**

- Secure user registration and login system.
- Role-based access control with JWT Authentication for enhanced security.



#### **Events API:**

- Admins can create and delete events.
- Real-time event updates
- Enables message sharing tied to specific events for better engagement.



#### **COMMUNICATION API**

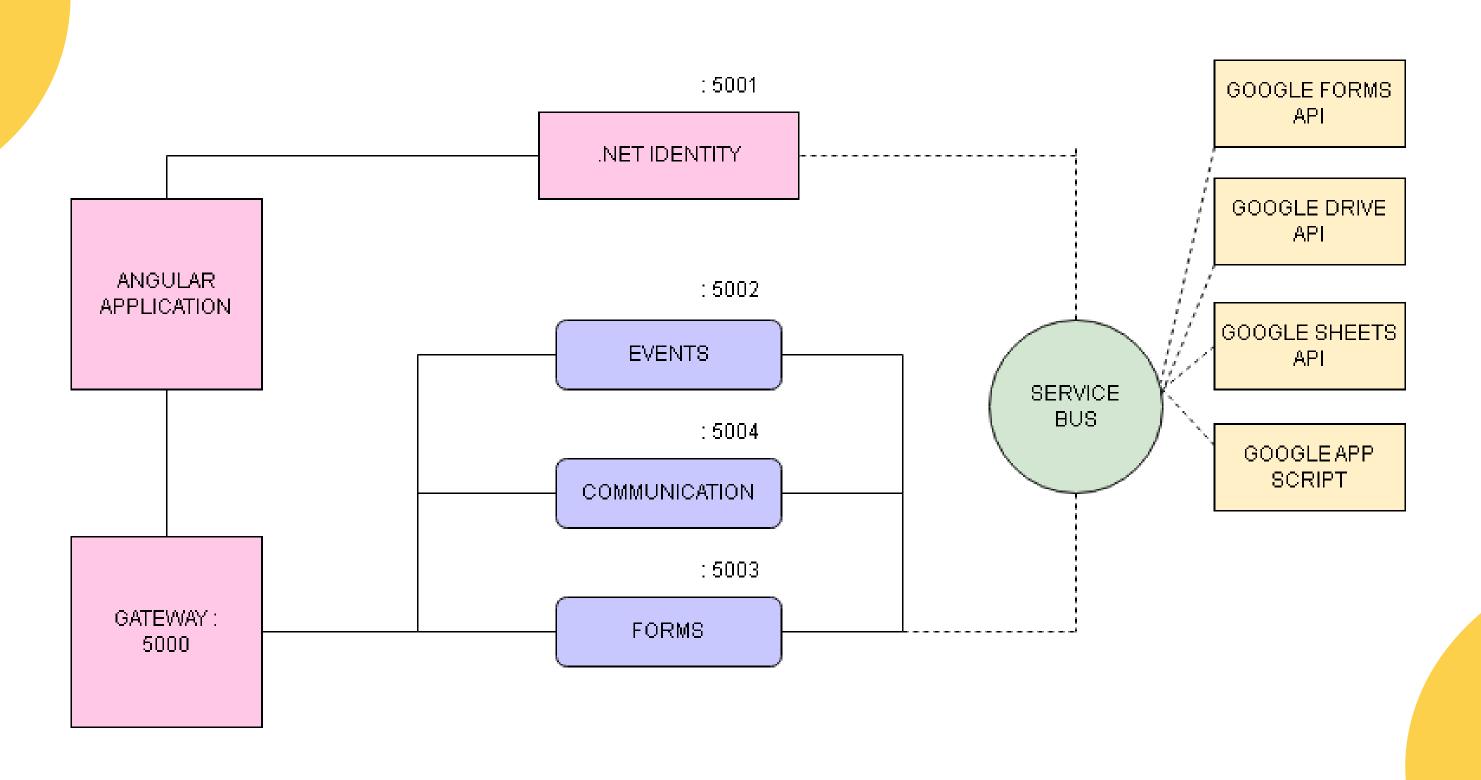
- Notification System: Instantly alerts residents about announcements, emergencies, and updates.
- Complaint System: Allows residents to submit complaints directly to administrators, ensuring prompt resolution.

#### **FORMS API**

- Integrated with Google Forms, Google Sheets, and Google Drive for seamless survey and poll creation.
- Automated linking of forms and sheets using Google Apps Script for efficient data storage and analysis.



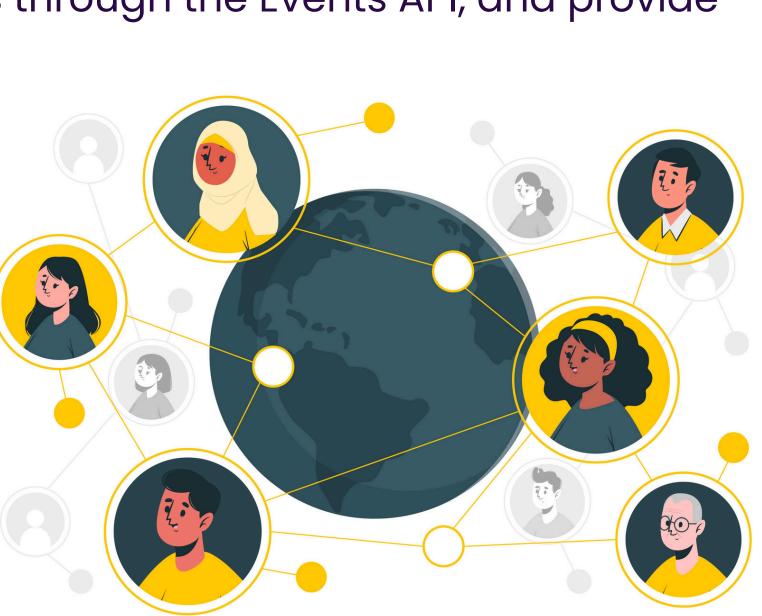
### **ARCHITECTURE**

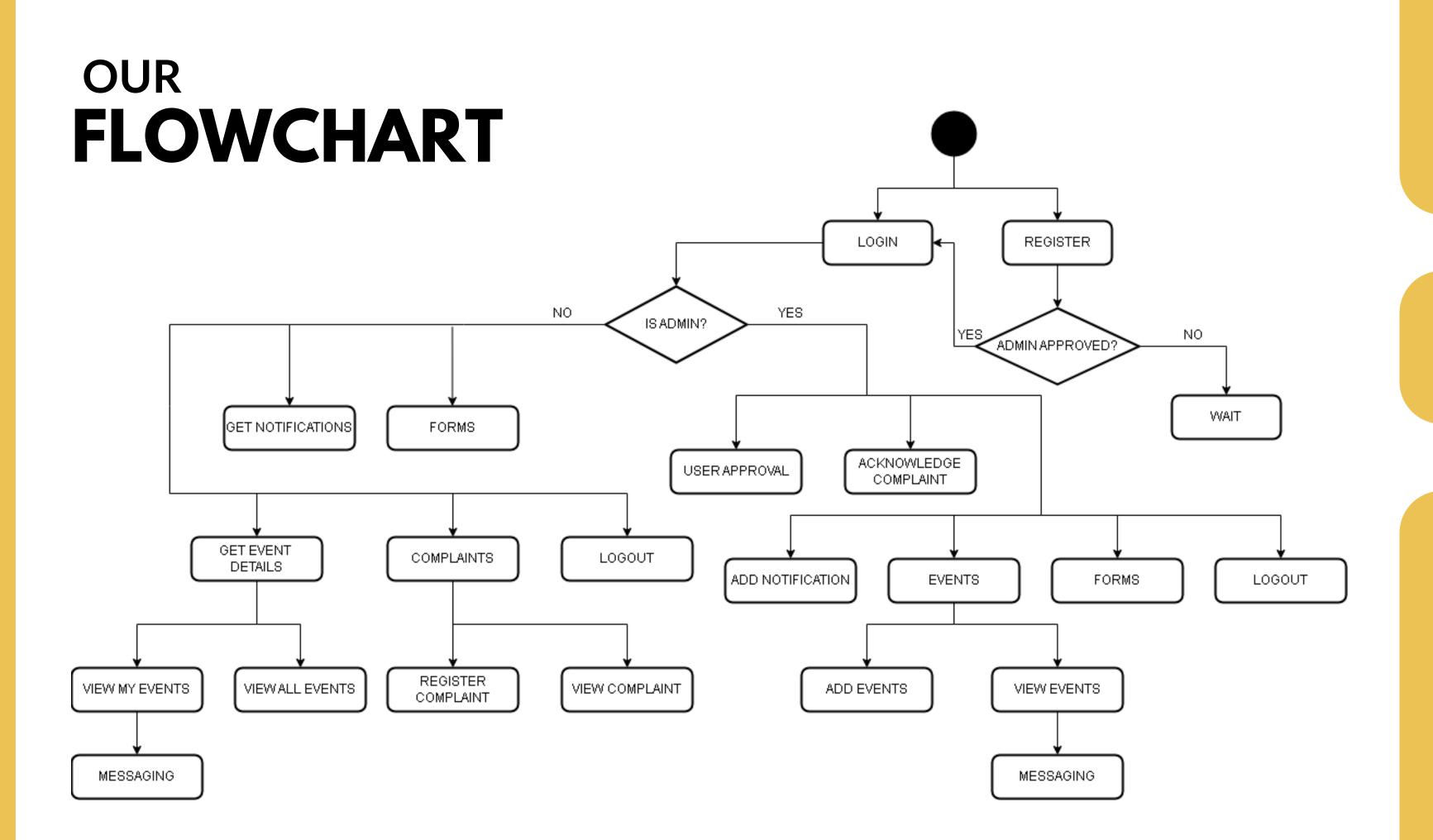


## HOW CONNECTIFY



- User Flow: Residents log in via the Authentication API, receive real-time notifications using the Communication API, participate in events through the Events API, and provide feedback using the Forms API.
- Admin Actions: Administrators create events, send notifications, and manage complaints seamlessly while gathering community insights through integrated Google Forms and Sheets.
- Real-Time Updates: Automatic component rendering ensures instant updates, eliminating the need for page refreshes.





### **OUR CLASS DIAGRAM**

#### USER

- Phone\_No:string

- + Login()
- + Logout()
- + GetNotApprovedUsers()
- + GetUserId()
- + GetAll Users()
- +GetUsersCount()

- + ld : string
- + Name : string + House\_No : string
- Email\_Id : string
- Role:string
- + Register()
- + ApproveUserById() |

#### NOTIFICATIONS

- + NotificationId : Guid
- + Message : string
- + Priority : int
- + GetAllNotifications()
- + CreateNotification()
- + DeleteNotification()
- + GetAllNotificationsUser() + GetNotificationsCount()

#### COMPLAINTS

- + Complaint ld : Guid
- + Userld : Guid
- + ComplaintTitle : string
- + ComplaintStatus : string
- + ComplaintDescription : string
- + UserName : string
- + CreateComplaint()
- + GetComplaintAdmin()
- + GetComplaintUser()
- + GetComplaintCount()
- + ChangeToInProgress()
- + ChangeToIsResolved()

#### **EVENTS**

- + EventId : Guid
- + EventName : string
- + EventTime : DateTime
- + EventDescription : string + MessagingTableName : string
- + UserTableName: string
- + CreateEvent()
- + DeleteEvent()
- + GetEventsAdmin()
- + GetEventsUser()
- + PostMessage()
- + GetEventsCount()
- + GetMessageByEventId()
- + RegisterToAnEvent()

#### USER RELATIONSHIP

- + RelationshipId : string
- + EventId : string
- + UserId : string

#### FORMS

- + ld : Guid
- + FormTitle : string
- + FormDescription : string
- + FormId : string
- + FormEditUrlAdmin: string
- + FormViewUrlUsers : string
- + SheetId : string
- + SheetViewUrlAdmin: string
- + CreateForm()
- + DeleteForm()
- + GetFormsUsers()
- + GetFormsAdmin()

### OUR UI

The Connectify platform features a user-friendly, responsive interface that ensures easy navigation for both residents and administrators. Its clean design focuses on simplicity, allowing users to quickly access notifications, events, and communication tools with ease.

## Connect. Inform . Thrive



Activate W Go to Settings



## OUR DEMO

### CONCLUSION

- Connectify provides a centralized, user-friendly platform designed to enhance communication within residential communities, allowing residents and administrators to engage, stay informed, and participate in real-time.
- Impact: By replacing outdated methods of communication, Connectify empowers communities to stay connected, informed, and involved, fostering a more cohesive and engaged environment.
- Call to Action: Join us in revolutionizing community communication and bringing residents closer together with Connectify.

"Connect. Inform. Thrive."

## THANKYOU

Thank you for your time and attention; we look forward to connecting communities through Connectify!