

Main Actors (: the ones directly involved)

1. Moderators & Support Team: Admin Privileges
2. Regular users
3. Users representing organizations
4. Unauthorized users (users not logged in)

Sign Up (: default guest/unauthorized user's view)

- Collect personal information: Username, Email
 - Determine account type: Personal / Organization
 - Ask for user interests (3 topics to improve AI suggestions)
 - Set Password: Password, Confirm Password; Biometrics
 - Perform Google reCAPTCHA to ensure the user is not a bot
 - Send an email confirmation: One-time verification link for account activation; the link will expire after a set amount of time
 - Third-party sign-up: Google, Slack, etc.
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Login (: default guest/unauthorized user's view)

- Ask for email and password
 - Forgot Password: Send a one-time use reset link; the link will expire after a set amount of time
 - "Remember Me" option: Stay logged in
 - Login via third-party: Google, Slack, etc.
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Home Page (: the default page that appears once logged in)

- **Create Event Button:** A button to start organizing an event. It triggers a page where the user sees a calendar, budget setting level, location, and invite people options.
 - **Modal View of Details:** View detailed information in a popup modal, and scroll down to see nearby events created by users you follow (similar to IG).
 - **Search Button:** Leads to a separate search page to find popular events being hosted nearby; filter by date, theme, or location
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Profile Management Page (: located as a profile icon that can be tapped)

- **View Profile Details**

- **Edit Profile:** Update profile picture, change username/email, change password (with confirmation, Google reCAPTCHA, and email confirmation)
 - **Activity Log:** Check RSVP status, organized/joined/attended events, and comments on events
 - **Add Payment Methods:** If a new user wants to register for an event, and there is a fee, they can easily pay within the app.
 - Users can **follow** different organizations for future events
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Event Page (: appears like IG posts, with details of the event)

- **View Event Details (: to be triggered by double-clicking an event post)**
 - **Share Event:** Copy the link or send via available options (such as email, WhatsApp, etc.)
 - **View Ratings:** See ratings given by people who attended the event(s) in the past
 - **Join/Leave Event:** Button to join or leave an event; also adds or removes the event from the **Manage Upcoming Participating Events** page
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Manage Upcoming Events (: appears as a headline under profile page)

- **View a list of enrolled events**
 - Search for events: Filter by date, theme, or location
 - **View event details in a row format:** Click to open a popup modal for more details
 - **Chat Icon:** Send a message to the event organizer/attendees
 - **RSVP Icon**
 - **Remove Event Icon**
 - View details of upcoming events: Note that organizers should not be able to delete events once published
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Create Event (: appears like a “+” icon when creating Instagram posts)

- **Start Organizing:** The button leads to a series of questions, ending with the option to "Post" the event
- **Configure Event Details:**
 - Basic Details: Name, Date, Type, Location
 - Type: Public or Private, Online or Offline
 - Tags, Images, Occurrence, Fee (Optional)
- Add event description

- **AI-Assisted Recommendations:** Guest availability, theme, schedule, and multi-session scheduling
 - Validation constraints: The end date cannot be before the start date
 - Budget tracking with AI assistance
 - Automated emails and reminders, RSVP management
 - Integration with Google Maps, Zoom/Google Meet, and payment gateways (to set up payments if the user wants to register for the event)
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AI Integration (: an AI button located somewhere on the top)

- **An AI chatbot icon** located on the top, that can be triggered anytime, from any stage within the app. It provides clarity and answers to all the questions asked by the user
- The AI chatbot can also be triggered by voice command - called by its name - "Edith" ("**Hi Edith**")
- AI also works behind the scenes to filter events based on user preferences, suggesting venues, time slots, and session schedules. This recommendation, which is similar to the YouTube algorithm, can be seen either on the "Search" page or when creating an event ("+")
- Attendees can rate and leave behind comments on events after joining (AI will first review comments to decide if they should be published publicly; admins will verify flagged comments)
- The AI chatbot also comes with some ready-made prompts to help users find events, assist organizers with event planning, scheduling, and other queries
- Lastly, we implement the search engines with OCR (Optical Character Recognition) capabilities: For example, if a user inputs the word "food," all events with food-related images will be displayed

