Company Background

Zoo Negara

Established in 1963, **Zoo Negara** is Malaysia's national zoo, located in Ulu Klang, Kuala Lumpur. Spanning over 110 acres, it houses more than 5,000 animals from over 450 species, playing a vital role in wildlife conservation, research, and education. Managed by the Malaysian Zoological Society, this non-governmental organization is dedicated to breeding programs for endangered species, providing sanctuary for rescued wildlife, and fostering public awareness through educational programs and workshops.

Zoo Negara Keeperku Programme

The Zoo Negara Keeperku Programme is an immersive initiative that allows participants to experience the daily responsibilities of a zookeeper at Zoo Negara. By working alongside professional zookeepers, participants learn about animal care, behavior, and conservation efforts, gaining a deeper appreciation for wildlife management. This hands-on program aims to inspire community engagement and awareness about the importance of wildlife conservation and the protection of natural habitats. Participants also gain practical skills and knowledge that contribute to the broader efforts of preserving biodiversity.

Problem Statement

To register for the KeeperKu Programme at Zoo Negara, volunteers must utilize a thirdparty service, Ticket2u. This involves clicking a link or scanning a QR code, which directs them to the registration form on the Ticket2u page. While this arrangement doesn't inherently endanger Zoo Negara, it's important to acknowledge that threats can emerge unexpectedly.

Moreover, relying solely on a third-party service incurs ongoing expenses for the organization. Without depending on a third-party service, Zoo Negara could manage its finances more effectively and fully fund volunteers, eliminating the need for them to pay RM35 for registration, as is the case with other volunteer programs that offer free registration. The display on the existing website also currently appears outdated, with unclear visuals and the use of ambiguous colors.

How can we simplify the volunteer registration process for both potential volunteers and zoo staff ?

Is there a way to improve the process of tracking reservation schedules effectively ?
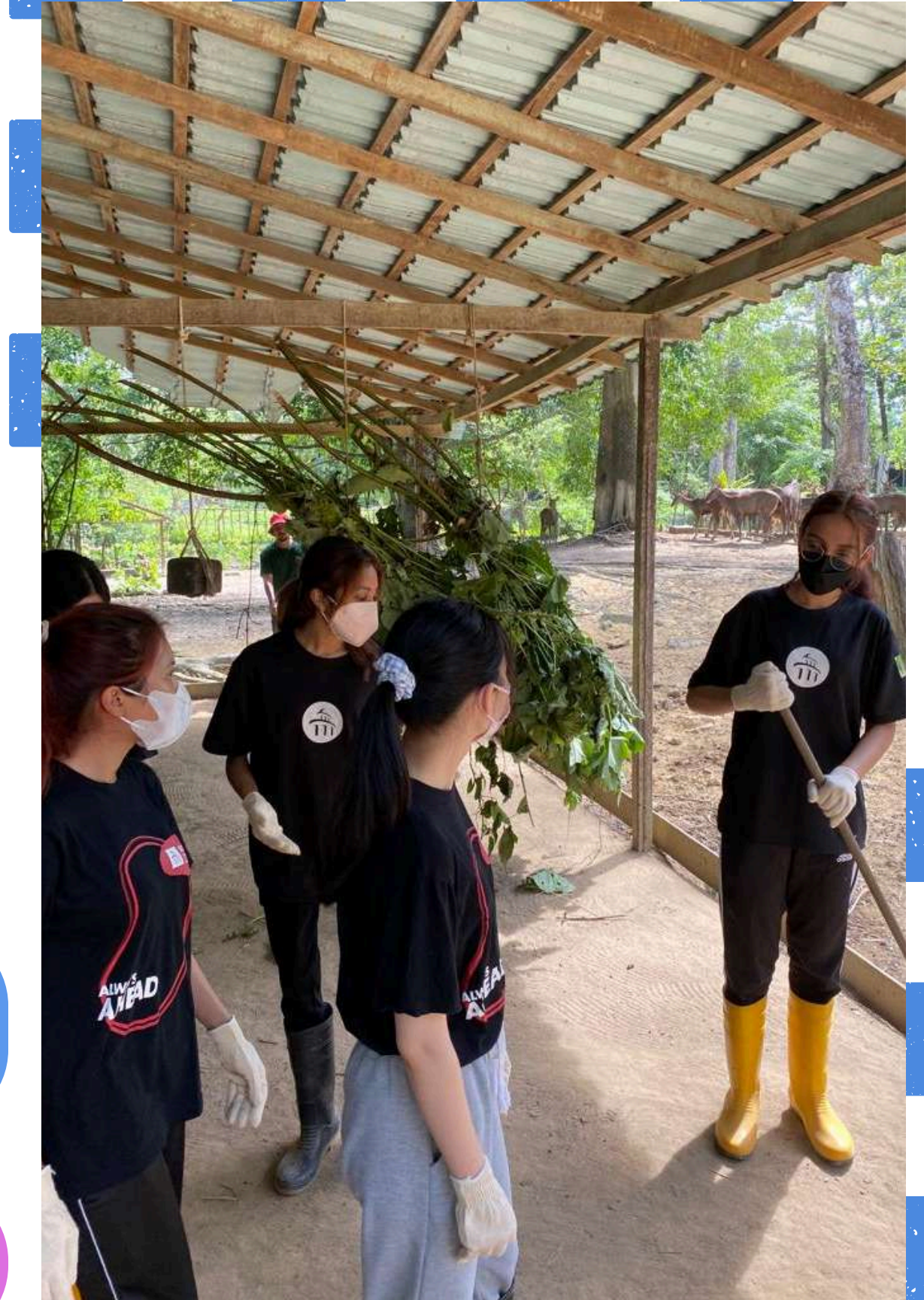
Objective

- Registration and onboarding process, making it more efficient and user-friendly for both volunteers and zoo staff.

- Provide a centralized platform for managing volunteer information and approve their application .

- Enable volunteers to easily sign up for and register reservation for volunteer program.

- Ensure the security and privacy of volunteer information, in compliance with relevant data protection regulations.

- Provide a positive and engaging experience for volunteers, promoting a sense of community and contributing to the overall success of the Zoo Negara Volunteer Programme
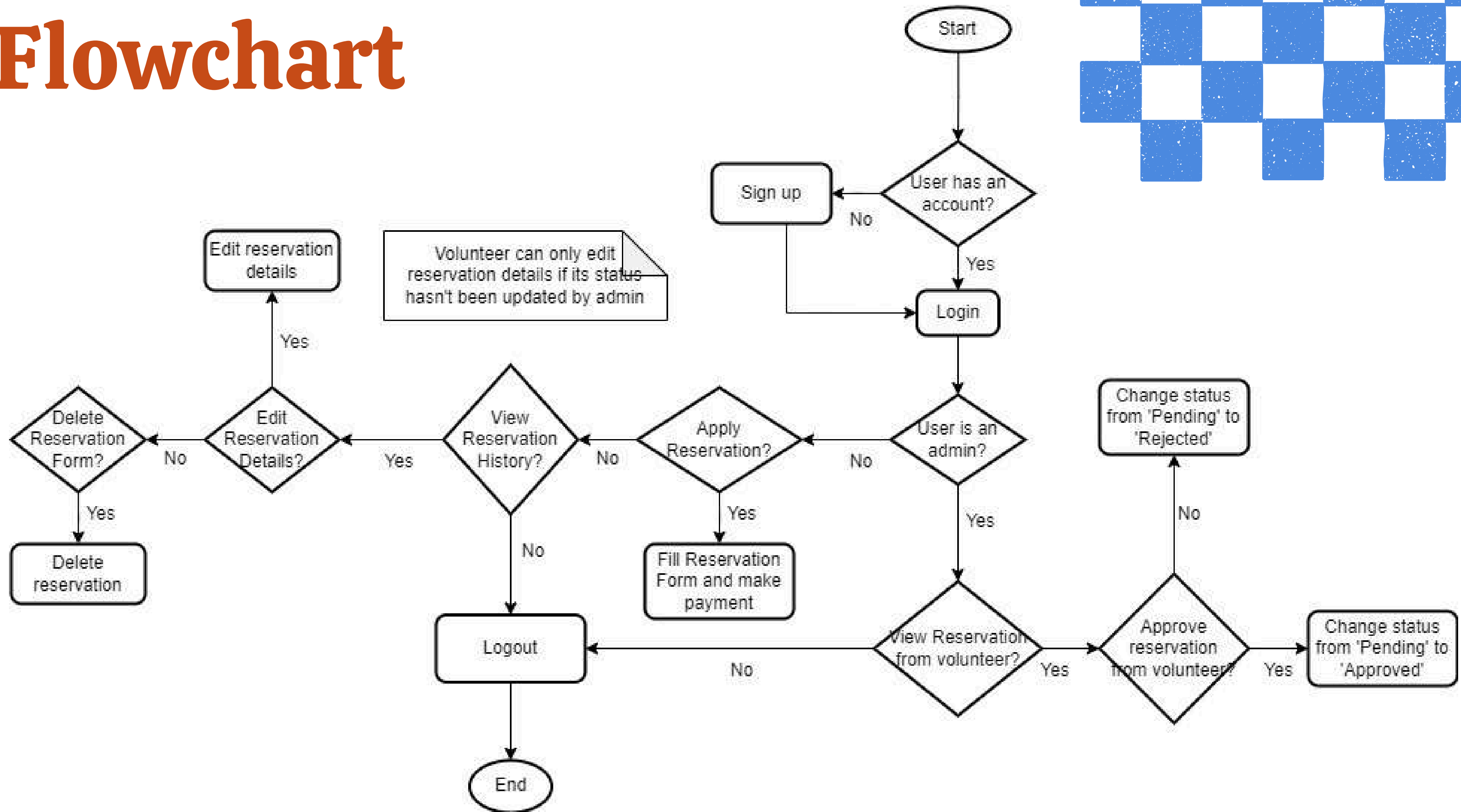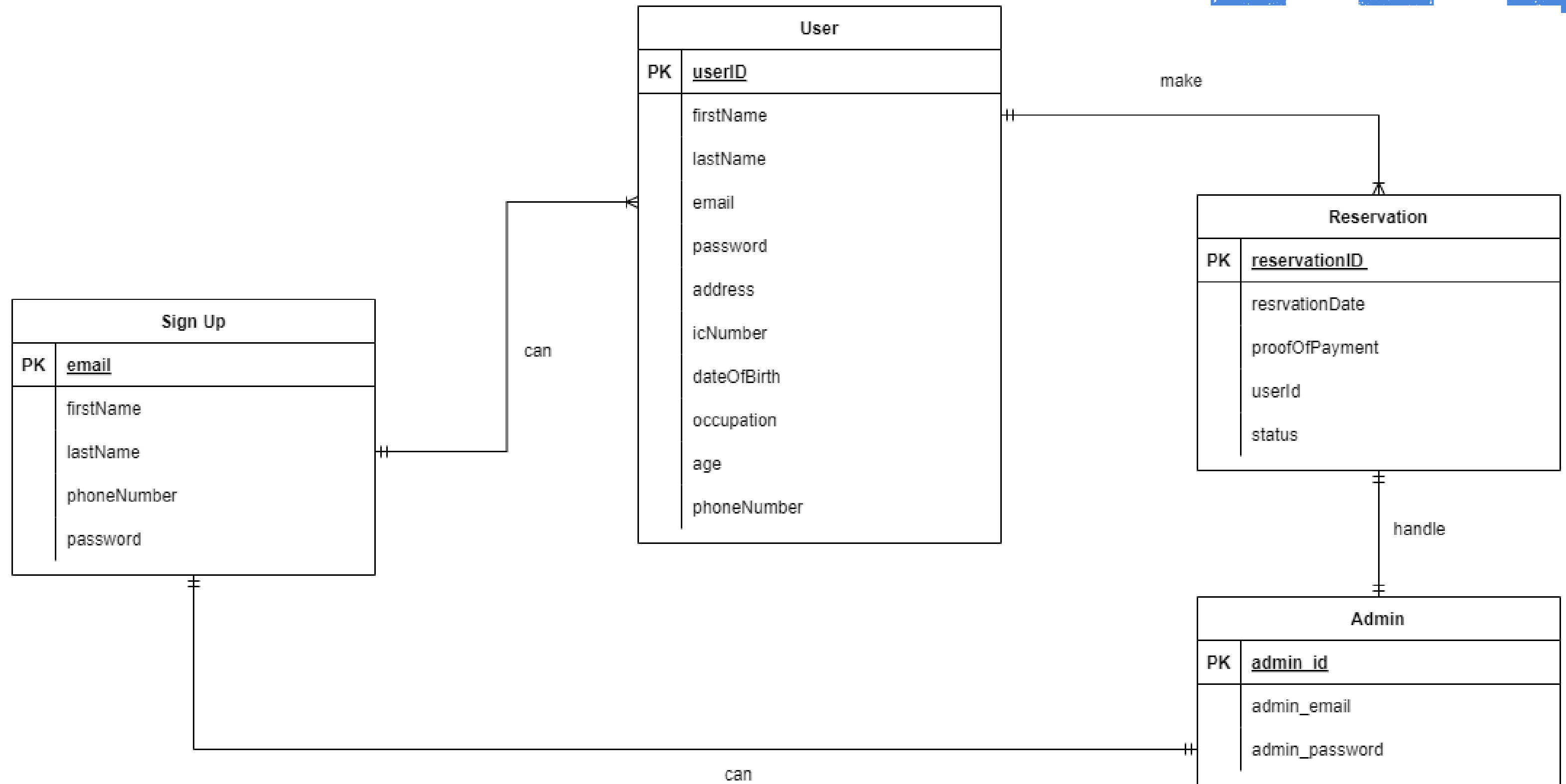
List Of Features

Our project targets:

- Underserved communities
- Schools
- Local businesses
- Educationals Institutions
- Community Organizations
- Government Agencies

Flowchart

Start

User has an account?

Sign up — No

Yes

Login

User is an admin?

No — Apply Reservation?

Yes — Fill Reservation Form and make payment

View Reservation History? — No

Yes — Edit Reservation Details? — No — Delete Reservation Form?

Yes — Edit reservation details

Yes — Delete reservation

No — Logout

Volunteer can only edit reservation details if its status hasn't been updated by admin

Yes — View Reservation from volunteer?

No — Logout

Yes — Approve reservation from volunteer?

No — Change status from 'Pending' to 'Rejected'

Yes — Change status from 'Pending' to 'Approved'

End

ERD

Sign Up

PK	email
	firstName
	lastName
	phoneNumber
	password

User

PK	userID
	firstName
	lastName
	email
	password
	address
	icNumber
	dateOfBirth
	occupation
	age
	phoneNumber

Reservation

PK	reservationID
	resrvationDate
	proofOfPayment
	userId
	status

Admin

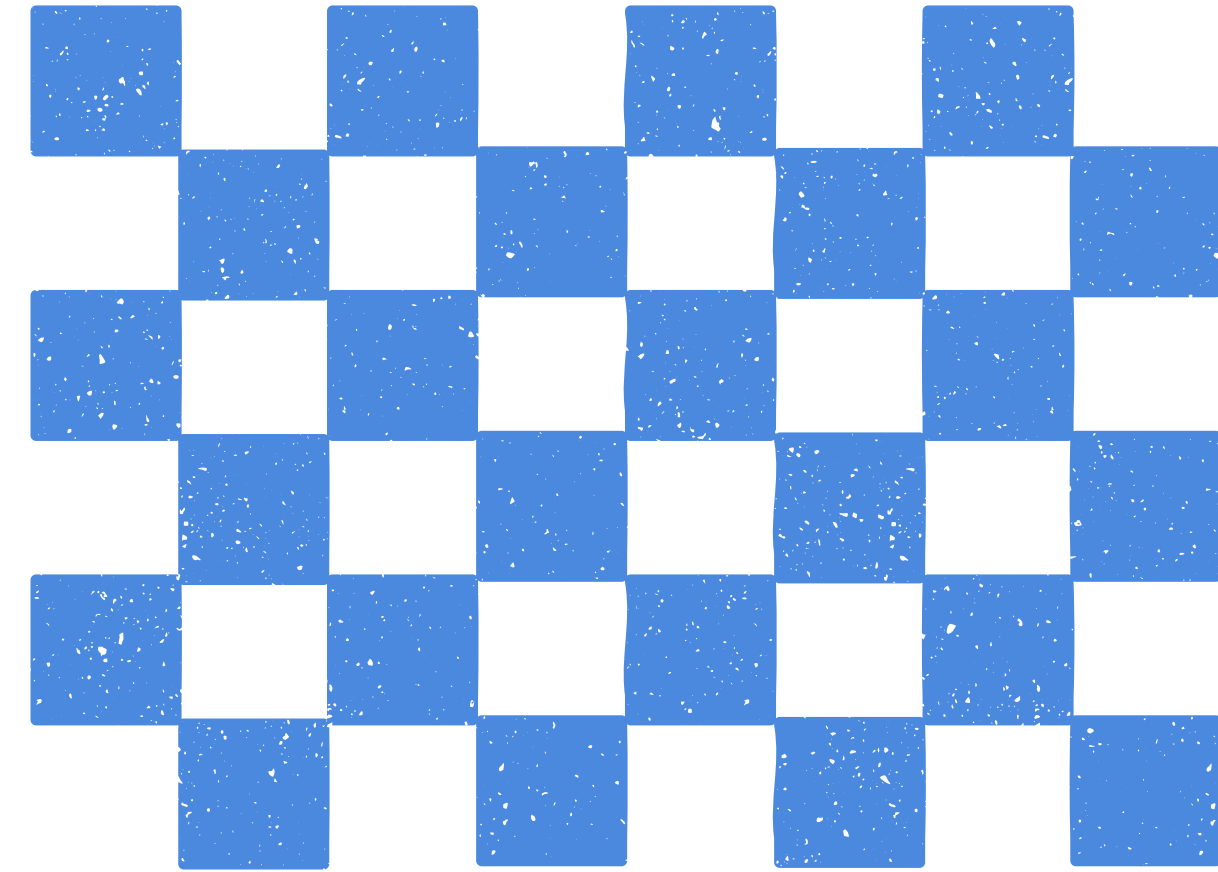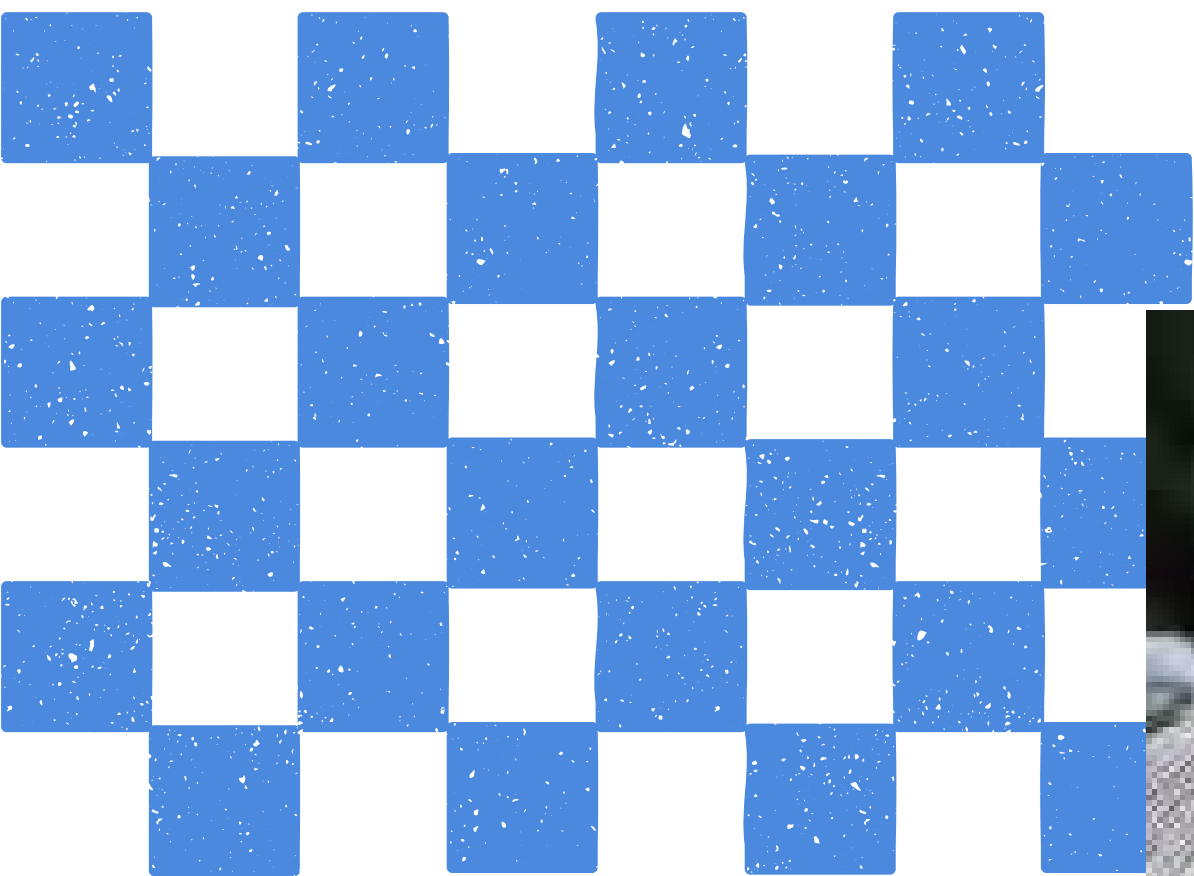| PK	admin_id
	admin_email
	admin_password

can

make

handle

can

System Presentation

**Thank you
for your attention.**