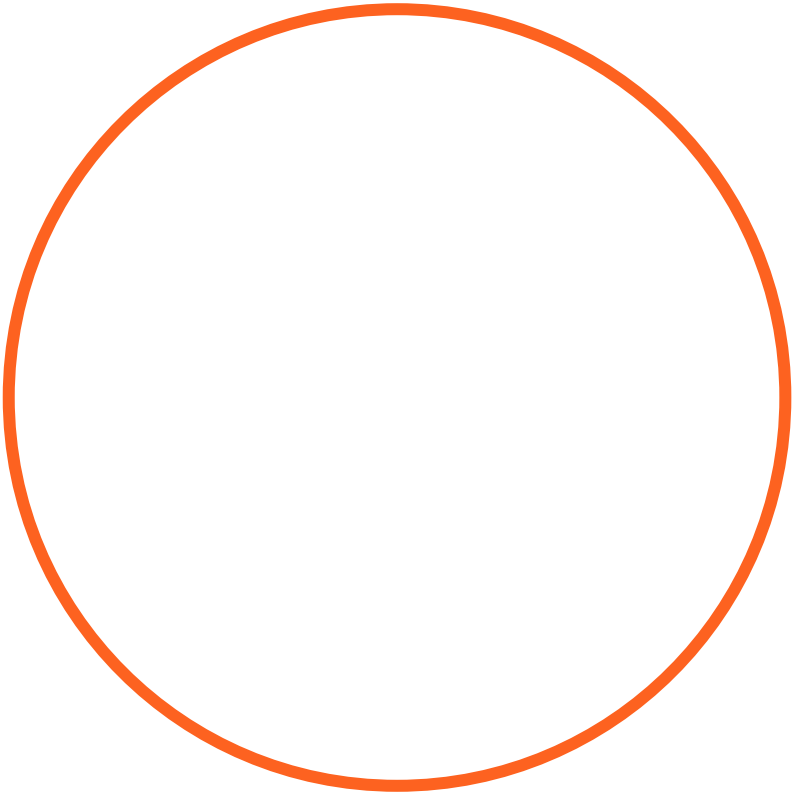






**IMPLEMENTATION**



- Client-Side Application: Web interface for students to scan QR codes.
- Server-Side Application: Backend server for QR code , user authentication, and attendance management.
- Database: Stores user information in form of csv file and attendance records.

## **Development Tools:**

- Languages: Python (backend), JavaScript, CSS, html(front end)
- Frameworks: Django/Flask (backend)
- Database: MySQL/PostgreSQL
- Security: IPv4, HTTPS

**SYSTEMWORKS**

QR Code Scanning: Students scan QR code, redirected to attendance page.

Attendance Marking: Students select names and confirm attendance.

Data Storage and Access: Attendance records stored in database, accessible by faculty..

1



A large orange circle with a thick border, centered on a white background. Inside the circle, the number '2' is written in a bold, black, sans-serif font.

2



3

