

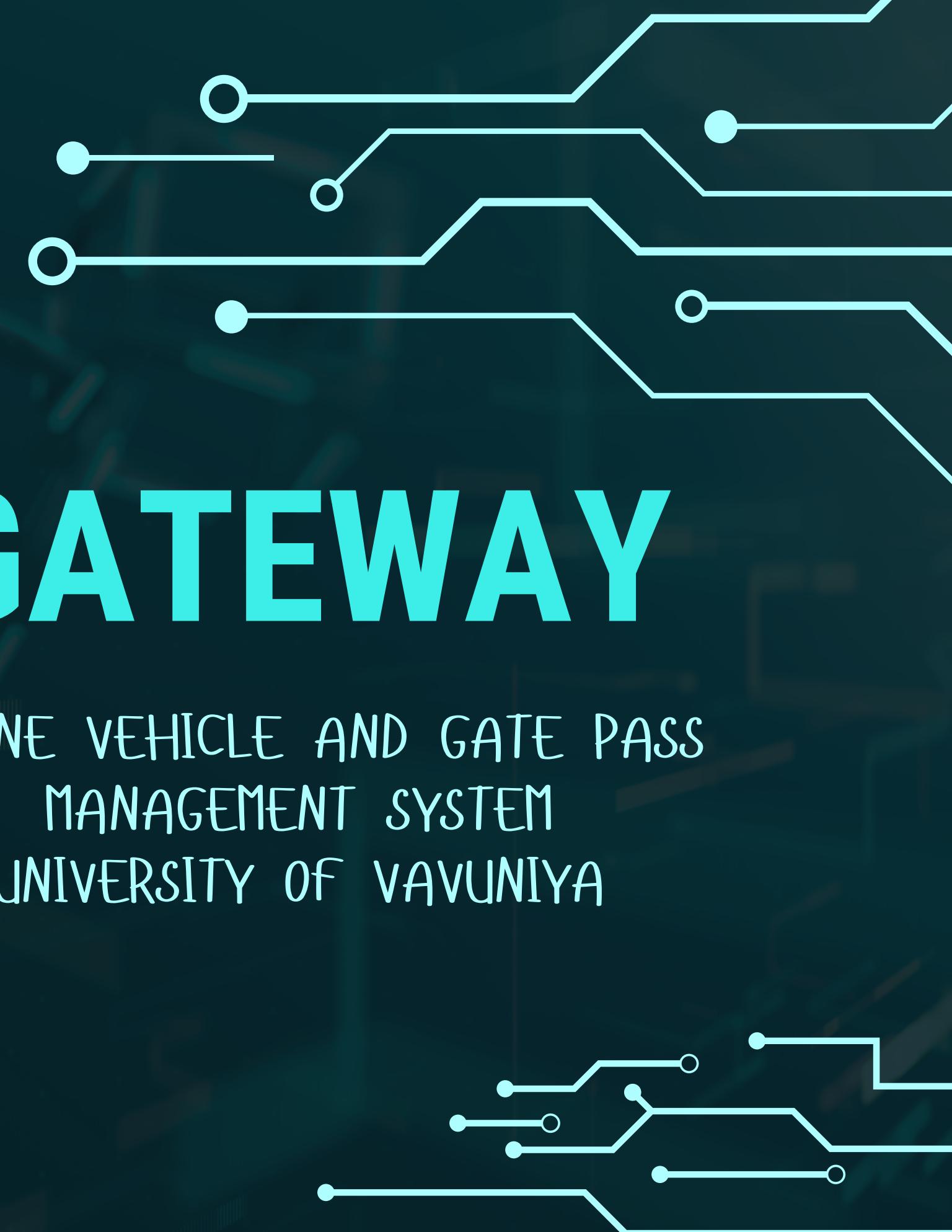


crossing CLOSED!

GROUP 15

GATEWAY

ONLINE VEHICLE AND GATE PASS
MANAGEMENT SYSTEM
UNIVERSITY OF VAVUNIYA



OUR TEAM



Supervisor:
Dr. S. Kirushanth
University of Vavuniya

Introduction to the GATEWAY System

Current Situation:

The University of Vavuniya currently uses a manual system to manage vehicle entries, exits, and gate pass approvals. This system is:

- Time-consuming
- Prone to human error
- Inefficient in record-keeping

Proposed Solution:

An online platform for vehicle and gate pass management to enhance:

- Security
- Transparency
- Accessibility



Login & Admin Panel

LOGIN

</>



Vehicle & Gate Pass System

Username

Password

Admin

Login

Admin Panel

Vehicle Records

View all vehicle entries and exits

VEHICLE NUMBER	DRIVER NAME	ENTRY TIME	EXIT TIME	STATUS
ABC-1234	John Perera	09:30 AM	-	Inside
XYZ-5678	Saman Silva	08:15 AM	11:45 AM	Exited

Logout

Admin Panel

Pending Gate Passes 12

Approved Today 28

Vehicle Entries 156

Security Officers 8

Recent Activity

- Gate pass approved for Equipment Transport 2 minutes ago
- Vehicle ABC-1234 entered premises 5 minutes ago
- New gate pass request submitted 8 minutes ago

Logout



Admin Panel



Admin Panel

- Overview
- Gate Passes
- Vehicles
- Users
- Reports

Logout

Manage Security Officers
Add and manage security officer accounts

Officer Name	Location	Active since	Action
Officer Rajesh	Main Gate	Jan 2024	Edit Remove
Officer Kumari	Side Gate	Mar 2024	Edit Remove

Add New Officer

Admin Panel

Gate Pass Management
Review and approve gate pass requests

Request Type	Requested By	Department	Items	Destination	Action
Equipment Transport Request	Dr. Silva	Engineering	Laboratory Equipment, Computers	Main Campus	✓ Approve X Reject
Furniture Movement	Admin Office	Administration	Office Chairs, Desks	New Building	✓ Approve X Reject

Logout

Admin Panel

Generate Reports
Create monthly and custom reports

Report Type	Action
Monthly Report	Select Month December 2024 Generate Monthly Report
Custom Report	From Date mm/dd/yyyy To Date mm/dd/yyyy Generate Custom Report

Logout

Security Panel

Security Panel

Today's Vehicle Records
All vehicle entries and exits for today

Vehicle	Driver	Entry	Exit	Status
ABC-1234	John Perera	09:30 AM	-	Inside
XYZ-5678	Saman Silva	08:15 AM	11:45 AM	Exited

Vehicle Entry
Vehicle Exit
Records

Logout



Security Panel

Record Vehicle Entry

Vehicle Number
e.g., ABC-1234

Driver Name
Enter driver name

Contact Number
Phone number

Driver License
License number

Purpose of Visit
Official Business

Entry Time
mm/dd/yyyy --:-- --

Additional Notes
Any additional information

Record Entry

Vehicle Entry
Vehicle Exit
Records

Logout

Security Panel

Record Vehicle Exit

Vehicle Number
e.g., ABC-1234

Exit Time
mm/dd/yyyy --:-- --

Exit Notes
Any notes about the exit

Record Exit

Vehicle Entry
Vehicle Exit
Records

Logout

Approved Gate Passes

View all approved gate passes for today

Equipment Transport
Approved by: Dr. Fernando
Items: Laboratory Equipment
Vehicle: ABC-1234

Approved
Valid until 6:00 PM

Office Supplies



The works we have to be completed

1. Combine Frontend part and Backend part

- Combine the separately developed frontend (UI) and backend (API) into one working system

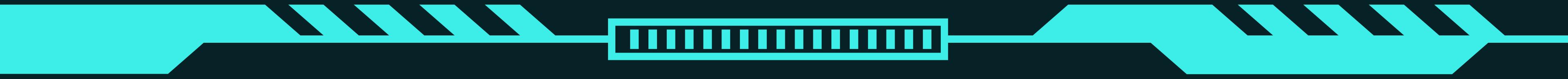
2. Testing



3. Approval System for Equipment Movement

- Handles approval for equipment entering or leaving university premises.





THANK YOU

Q & A

