

# University of Vavuniya

## Faculty of Applied Science

### Department of Physical Science

#### IT3162 Group Project

#### Weekly Progress Report

Project Group: 15

#### Team Members:

No.	Name	Reg. No.
1	M.Y.M. Pinthu	2021 / ICT / 06
2	H.A.K.C. Madushanka	2021 / ICT / 29
3	M.A.M. Vijerathna	2021 / ICT / 32
4	B.S.M.P. Jayathilake	2021 / ICT / 52
5	A. Shiromi	2021 / ICT / 86
6	U. Rajeevani	2021 / ICT / 91
7	B. Vishnutharan	2021 / ICT / 106

#### Project Title:

Online Vehicle Gatepass Management System

Duration	Date (From): 23.09.2025	Date (To): 18.11.2025
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#### Work completed for this week:

- Requirement Analysis and System Understanding.
  - \* identified current manual system
  - \* Gathered security, transparency and accessibility requirements.
- System design and architecture
  - \* Designed the overall system structure.
  - \* created ui/ux layout for login, admin panel and security panel
  - \* prepared database design for storing vehicles, users, gatepasses, and approval logs.
- Frontend Development
  - \* Developed login interface, Admin panel ui and Security panel ui.
- Backend Development
  - \* Developed backend API for authentication, user roles, vehicle registration and gatepass processing.
  - \* Implemented database interactions.
  - \* created functionality for admin approvals and data Management.



Work Plan for the upcoming week:

Improve database performance and validation rules

Perform fu

Combine Frontend part and Backend part.

\* combine the Separately developed frontend (UI) and backend (API) into one working system

Perform full System testing.

Documentation and reporting part

\* final reports


\* user manual

Supervisor's Observations:

Good	<input type="checkbox"/>	Satisfied	<input type="checkbox"/>	Acceptable	<input checked="" type="checkbox"/>	Worse
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Any other comments:

I see no github activity.

Supervisor's Name	Supervisor's Signature	Date
S. Kirreshub		28/11/2025