

**University of Vavuniya**  
**Faculty of Applied Science**  
**Department of Physical Science**  
**IT3162 Group Project**

**Weekly Progress Report**

Project Group:	15
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**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. Shiramini	2021 / ICT / 86
6	U. Rajeevan	2021 / ICT / 91
7	B. Vishnutharan	2021 / ICT / 106

**Project Title:**

**Online Vehicle Gatepass Management System**

Duration	Date (From):	28.09.2025	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 fix

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	Satisfied	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. Kirushnak

26/11/2025