

ICT 3206 – Skill Development Project III

Progress Meeting Report

Project Title:	Intelligent Indoor OR Outdoor Surveillance Camera with AI Detection and Programmable Relay Control		
Group Name:	Tech Titans		
Supervisor:	Ms. Malki Jayawardhana		
Progress Report No.	02		
Reporting Period	From:	15/07/2024	To: 20/08/2024
Team Members:			
S. No.	Index No.	Registration No.	Name
01.	1297	ITT/2020/021	E.M.S.M. Edirisooriya
02.	1348	ITT/2020/078	D.H.D. Prabhasha
03.	1390	ITT/2020/128	H.L.I.N. Liyanaarachchi
04.	1357	ITT/2020/091	P.W.D.I.M. Rodrigo
05.	1383	ITT/2020/121	B.K. Bandaranayake
06.	1343	ITT/2020/072	K.R.N. Perera
07.	1363	ITT/2020/097	A. Sanjayan

Work carried out up to the last progress report:

From 2024/07/15 to 2024/08/20, our team, Tech Titans, reached key milestones in the development of our project, "Intelligent Indoor/Outdoor Surveillance Camera with AI Detection and Programmable Relay Control."

- Revised the Software Requirements Specification (SRS) document.
- Conducted a thorough functionality check of the received hardware components, ensuring a clear understanding of each part's role in the system.
- Evaluated various streaming protocols for the ESP32-CAM module and selected RTSP for its reliability and compatibility with our system requirements.
- Developing the backend of the logging system.

Work carried out during the reporting period:	
Registration No.	Task completed
ITT/2020/021	<ul style="list-style-type: none"> • Developed use case scenarios for the project. • Developed the backend of the logging system. • Checked hardware functionality. • Evaluated various streaming protocols.
ITT/2020/078	<ul style="list-style-type: none"> • Created activity diagrams for the project. • Checked hardware functionality. • Evaluated various streaming protocols.
ITT/2020/128	<ul style="list-style-type: none"> • Created activity diagrams for the project. • Checked hardware functionality. • Evaluated various streaming protocols.
ITT/2020/091	<ul style="list-style-type: none"> • Created activity diagrams for the project. • Checked hardware functionality. • Evaluated various streaming protocols.
ITT/2020/121	<ul style="list-style-type: none"> • Created activity diagrams for the project. • Checked hardware functionality. • Evaluated various streaming protocols.
ITT/2020/072	<ul style="list-style-type: none"> • Created activity diagrams for the project. • Checked hardware functionality. • Evaluated various streaming protocols.
ITT/2020/097	<ul style="list-style-type: none"> • Created activity diagrams for the project. • Checked hardware functionality. • Evaluated various streaming protocols.

Feedback to the team by the supervisor (changes, suggestions, recommendations):

Supervisor's evaluation on progress:


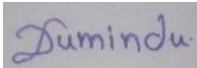
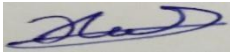
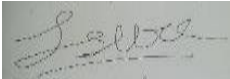
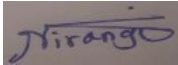

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Expected work to be carried out until next progress report:

Until the next report, we intend to keep doing the following,

- Develop UI/UX design of the system.
- Create SDS document.
- App development.

Signature of the supervisor:**Date:****Signatures of the team members:**

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