

## ICT 3206 – Skill Development Project III

### Progress Meeting Report

<b>Project Title:</b>	<b>Intelligent Indoor OR Outdoor Surveillance Camera with AI Detection and Programmable Relay Control</b>		
<b>Group Name:</b>	<b>Tech Titans</b>		
<b>Supervisor:</b>	<b>Ms. Malki Jayawardhana</b>		
<b>Progress Report No.</b>	<b>02</b>		
<b>Reporting Period</b>	<b>From:</b>	15/07/2024	<b>To:</b> 20/08/2024
<b>Team Members:</b>			
<b>S. No.</b>	<b>Index No.</b>	<b>Registration No.</b>	<b>Name</b>
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"><li>• Developed use case scenarios for the project.</li><li>• Developed the backend of the logging system.</li><li>• Checked hardware functionality.</li><li>• Evaluated various streaming protocols.</li></ul>
ITT/2020/078	<ul style="list-style-type: none"><li>• Created activity diagrams for the project.</li><li>• Checked hardware functionality.</li><li>• Evaluated various streaming protocols.</li></ul>
ITT/2020/128	<ul style="list-style-type: none"><li>• Created activity diagrams for the project.</li><li>• Checked hardware functionality.</li><li>• Evaluated various streaming protocols.</li></ul>
ITT/2020/091	<ul style="list-style-type: none"><li>• Created activity diagrams for the project.</li><li>• Checked hardware functionality.</li><li>• Evaluated various streaming protocols.</li></ul>
ITT/2020/121	<ul style="list-style-type: none"><li>• Created activity diagrams for the project.</li><li>• Checked hardware functionality.</li><li>• Evaluated various streaming protocols.</li></ul>
ITT/2020/072	<ul style="list-style-type: none"><li>• Created activity diagrams for the project.</li><li>• Checked hardware functionality.</li><li>• Evaluated various streaming protocols.</li></ul>
ITT/2020/097	<ul style="list-style-type: none"><li>• Created activity diagrams for the project.</li><li>• Checked hardware functionality.</li><li>• Evaluated various streaming protocols.</li></ul>

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

Start working on the development of the project immediately and divide the components among the team members and be specific about what are the tasks completed individually.

**Supervisor's evaluation on progress:**☐**Poor**☐**Fair**☒**Good**☐**Excellent**

**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.


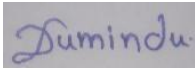
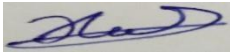
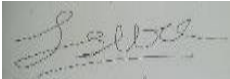
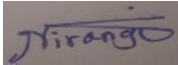

Signature of the supervisor:

Malki

Date:

21.08.2024

**Signatures of the team members:**

S. No.	Index No.	Registration No.	Signature
01.	1297	ITT/2020/021	
02.	1348	ITT/2020/078	
03.	1390	ITT/2020/128	
04.	1357	ITT/2020/091	
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