Action Plan From November 2024 to February 2025

Committed items:

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| Items | Status |
| Model Training | Finished but continuous update |
| Video detection | Finished |
| Image detection | Finished |
| Website interface | Finished but continuous update |
| Docker Prototype | Finished but continuous update |

Action Plan

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| Date Flow | Action items |
| Late November | * Separate the combined mode to video and image detection respectively (due to complications of the system)   + Video mode and image mode will be placed on a different webpage   + Synchronise all detection alerts that match the jargon used in Chun Wo * Set up an automated script to record the streaming video regularly. * The model can activated only if the trucks are detected |
| Start of December | * Select a suitable video for a demonstration. * Set the stream and detection window on the same web page * Demo with Client. |
| During December | * Clear Alert on the webpage if the truck contains non-authorized material or does not match company standards when the truck leaves. * Alert message or call the stakeholder/safety officer if the truck contains non-authorized material or does not match company standards when the truck leaves * Record the truck ( capturing an image) after checking |
| January | * Update the model that can classify inert and non-inert material. * Update alert items. * Try to detect the carrying capacity inside the truck * Try to detect the target PRECISELY, such as detecting the material inside the truck |
| February | * Campus internal Demo * Receive updated requirements from the Client * Update models |
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