

17 June 2022

Mr Ashwin Sharma
Chief Information Security Officer and Chief Technology Officer
Securemation Consulting
Suite 3, Level 5, 490 Upper Edward Street, Spring Hill, Brisbane 4000

Cc. Dr Bhargavi Goswami, Mr Murilo Oliveiro, and Ms Manjeet Kaur

Dear Ashwin,

We are delighted to have partnered with you on the '*AI For Industry-based Cybersecurity Threats*' project via QUT's IFN711 Industry Project course.

All project artefacts (listed overpage) have been made available to you and your team via GitHub at <https://github.com/Connor-aus/IndustryProject.git>. These artefacts can also be made available in zip file format if desired.

We are grateful for the opportunity to have worked with you on this project, and appreciate the time and expertise that the Securemation team have generously given to ensure its success.

Best regards,

Bianca Beaumont
Christine Choy
Connor McSweeney
Koh Hei Luo
Masayoshi Kamioki

File name	Description
Project Planning/ Solution_Design_Document.pdf	Design Document as at 17 June
Project Planning/ Project_Plan_30_April_2022.pdf	Original Project Plan as at 30 April
Project Planning/ Gantt_Chart_17_June_2022.pdf	Final Gantt Chart as at 17 June
MySQL/ Securemation_db.sql	MySQL schema that contains manually mapped MISP/CVE events and will house the ML outputs
Talend/ prioritisation	Folder to import Talend job, requires db connection to Securemation_db.sql
ML/prioritizationML/ threat_prioritisation.ipynb	Jupyter notebook for Prioritisation model to visualize figures/tables
ML/prioritizationML/ MISP_CVE-map.csv	Manually mapped MISP events to related CVEs
ML/prioritizationML/ model_training.py	Model training
ML/prioritizationML/ threat_prioritisation.py	Use model for scoring
ML/predictionML/ MISP_prediction.ipynb	Jupyter notebook for Prediction model to visualize figures/tables
ML/predictionML/ MISP_prediction.py	Prediction model
ML/predictionML/ MISP_attributes_all.json	Example data from MISP feeds x and x used in MISP_prediction.py – required in same folder
jBPM/ QueryMapping.dmn	Decision table for industry Talend endpoint APIs
jBPM/ WorkDefinitions.wid	jBPM work definitions
jBPM/ FrontEnd.bpmn	Main BPM for system
jBPM/ MitigationMapping.dmn	Decision table for Mitigations mapped to threat types
Postman/ securemation-test.postman_collection.json	Import to Postman for automated testing of jBPM “FrontEnd”
Postman/ talend-test.json	Import to Postman for testing Talend end points
Postman/ kie-server-securemationv-test.postman_environment	Postman environment for testing jBPM “securemation-test.json”

****jBPM container will be delivered in the form of a Docker image via Docker Hub**

****MySQL will be delivered in the form of a Docker image via Docker Hub**