



# SGV IntelliGo

FSO Technology Consulting

**September 1, 2023**

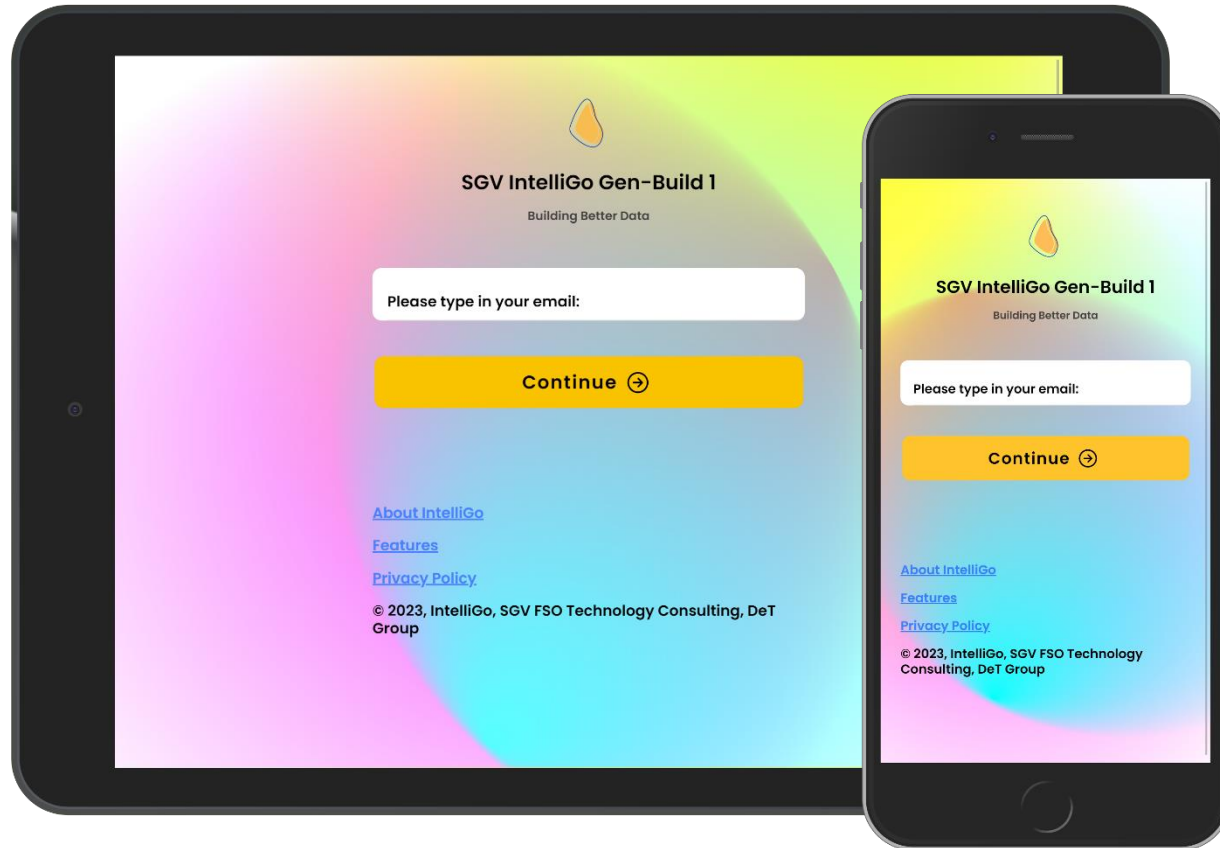
The SGV Purpose  
Nurture leaders and enable businesses for a better Philippines.

#SGVforABetterPhilippines



# Background

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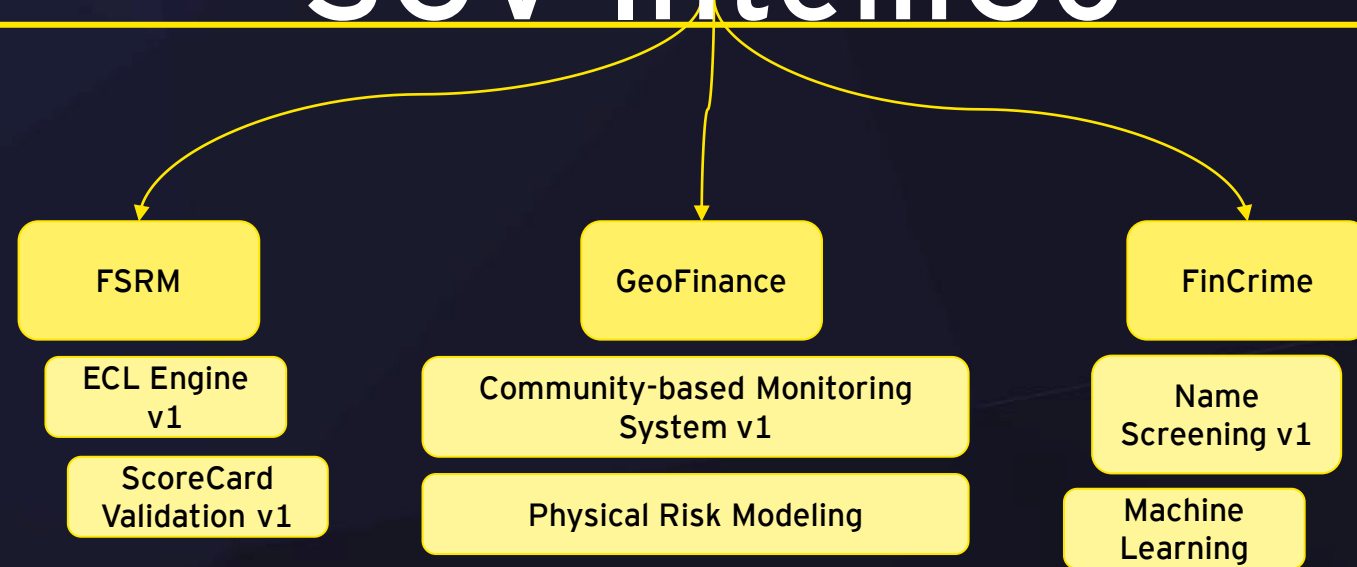
- ▶ SGV IntelliGo is a web and mobile-based platform built to have reusable components
- ▶ It allows FSO Technology Consulting Engineers to expedite the delivery of digital transformation products

# Mission

Deliver digital transformation across SGV  
Financial Services



# SGV IntelliGo



# FSO ScoreCard Validation Challenge



Manual file consolidation which delays reporting and introduces errors



Inconsistent data formats and missing values



Human-dependent manual scorecard validation introduces subjectivity and compliance risks

# IntelliGo ScoreCard Validation

- Automated Files Consolidation
- ScoreCard Validation Engine

The top tablet displays the file upload interface. It includes a 'New Project' button, a 'New Folder' button, and search bars for 'Search Project', 'Search Folder', and 'Search File'. The 'Search Project' bar shows 'The Main Bank' and 'The Main Bank'. The 'Search Folder' bar shows 'SC 2024'. The 'Search File' bar shows 'SC 2024 - SCORECARDVALIDATION'. Below the search bars, there is a 'Prepare data: DONE' status and an 'Upload or drop a file right here' area. A file named 'scorecardvalidation\_01312018.xlsx - 0.01MB' is listed below the upload area.

The bottom tablet displays the validation results. It includes a 'Back' button and a 'Download (.xls)' button. The main content is a table with the following data:

Scoreband	Good	Bad	Total	Actual PD	Predicted PD	Cumulative Good	Cumulative Bad
B - 03	0	1	1	100.0%	1.92%	0.0%	11.11%
B - 04	12	1	13	7.69%	3.34%	46.15%	22.22%
B - 05	8	0	8	0.0%	6.4600000000...	76.92%	22.22%
B - 06	3	0	3	0.0%	12.13%	88.46%	22.22%
B - 07	2	0	2	0.0%	22.85%	96.15%	22.22%
B - 08	1	1	2	50.0%	48.04%	100.0%	33.33%
B - 09	0	6	6	100.0%	85.2299999999...	100.0%	100.0%
Total	26	9	35	25.71%			

Below the table, there is a 'Total Summary' section with the following data:

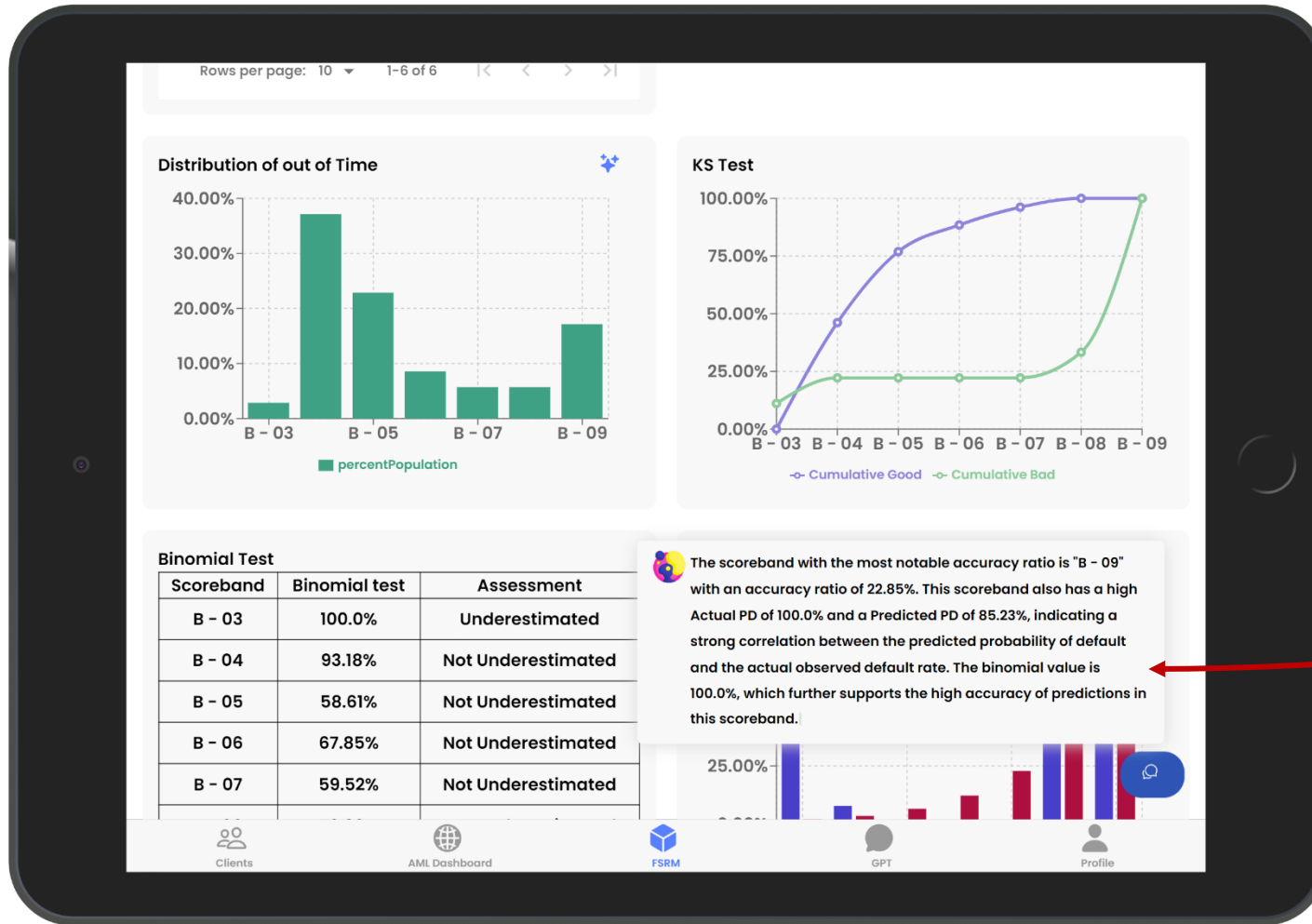
Column Name	Value
Accuracy ratio	60.26%
Actual PD	25.71%
Bad	9

There is also a 'Test Thresholds' section with the following data:

AR	Model Performance
AR ≥ 60%	Excellent Predictive Power
40% ≤ AR < 60%	Acceptable predictive power
20% ≤ AR < 40%	Poor predictive power
20% < AR	No predictive power



# IntelliGo ScoreCard Validation



- Data Visualization
- SycipGPT (GPT 4) integrated to analyze financial data and identify potential risks

# FSO GeoFinance Challenge



Data Quality and Data Collection on the ground level



Not streamlined data from collection, validation, visualization to GeoSpatial Analysis



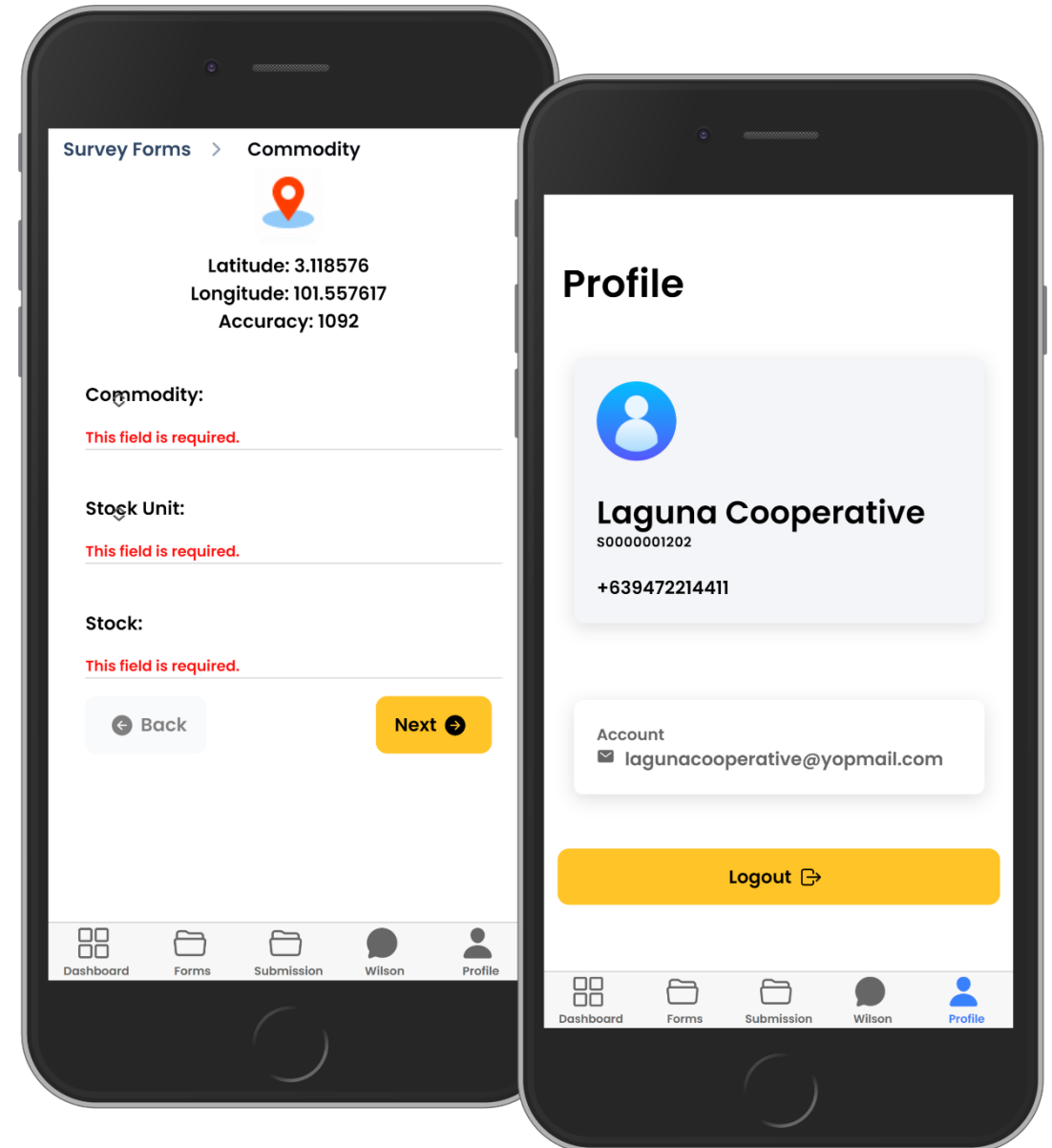
Inaccessibility of timely data



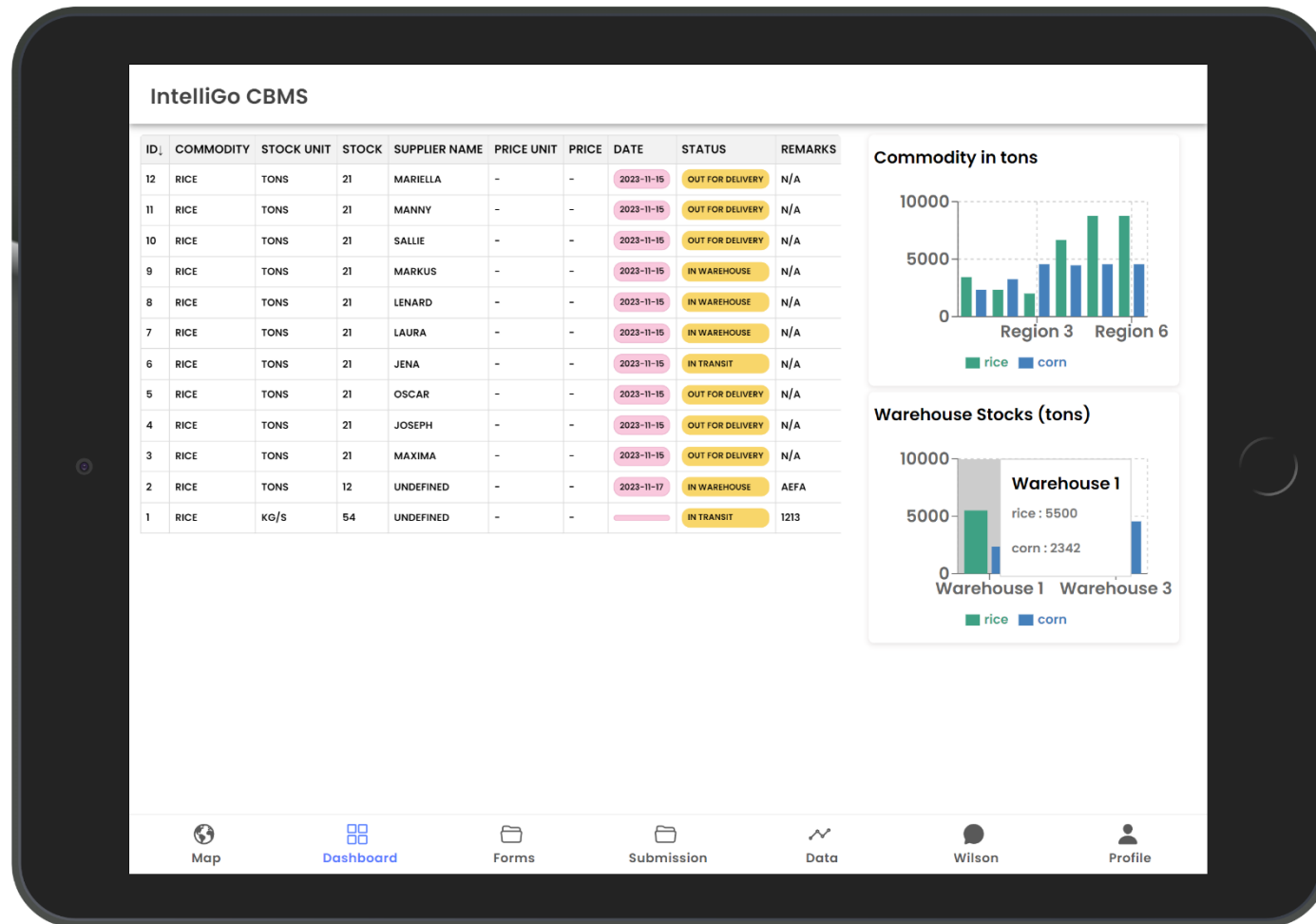
# IntelliGo GeoFinance

## Web and mobile based application

- Can Geotag form submissions
- Can be used without internet
- Data analytics & visualization
- GeoSpatial Analysis Ready

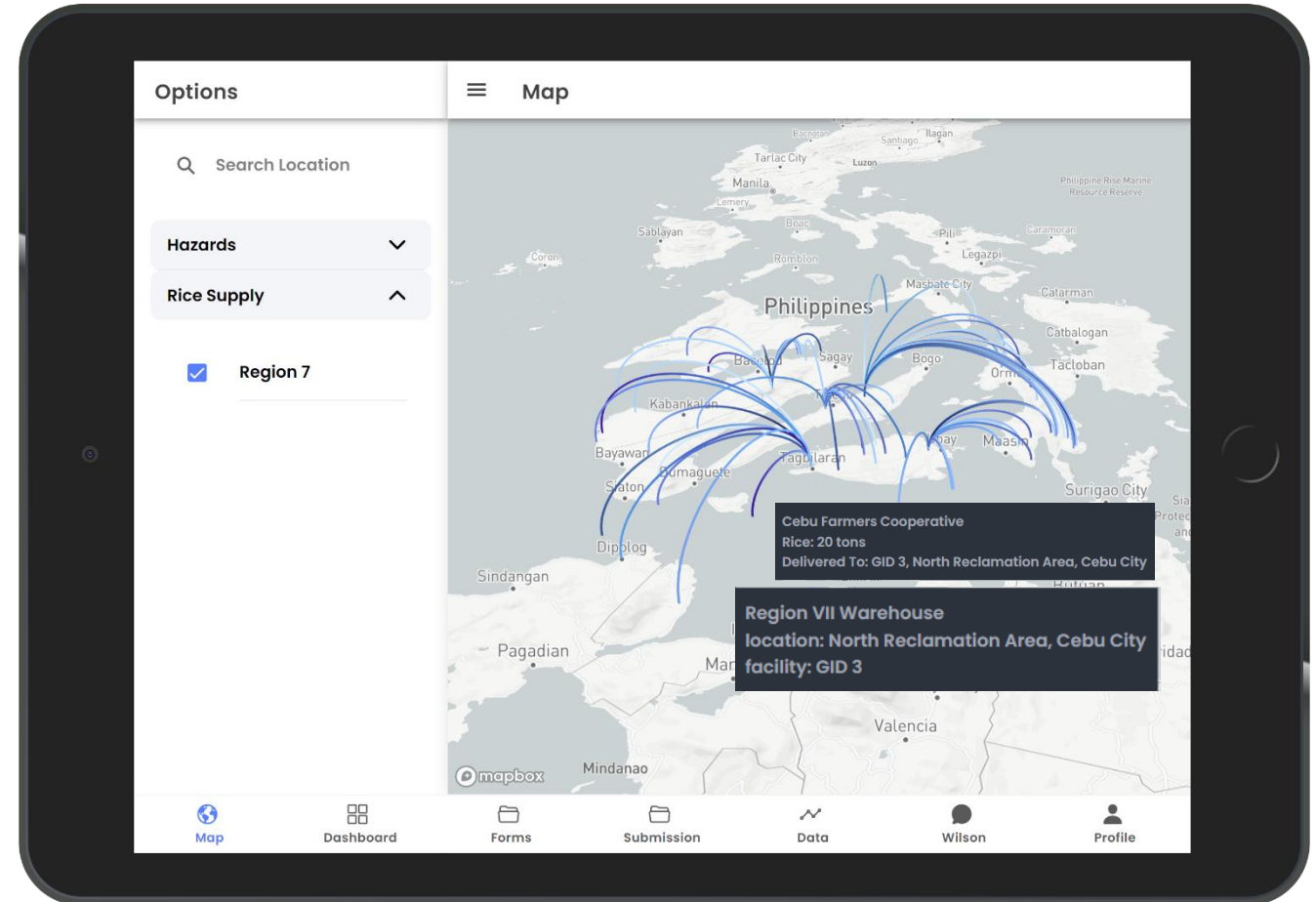


# IntelliGo GeoFinance



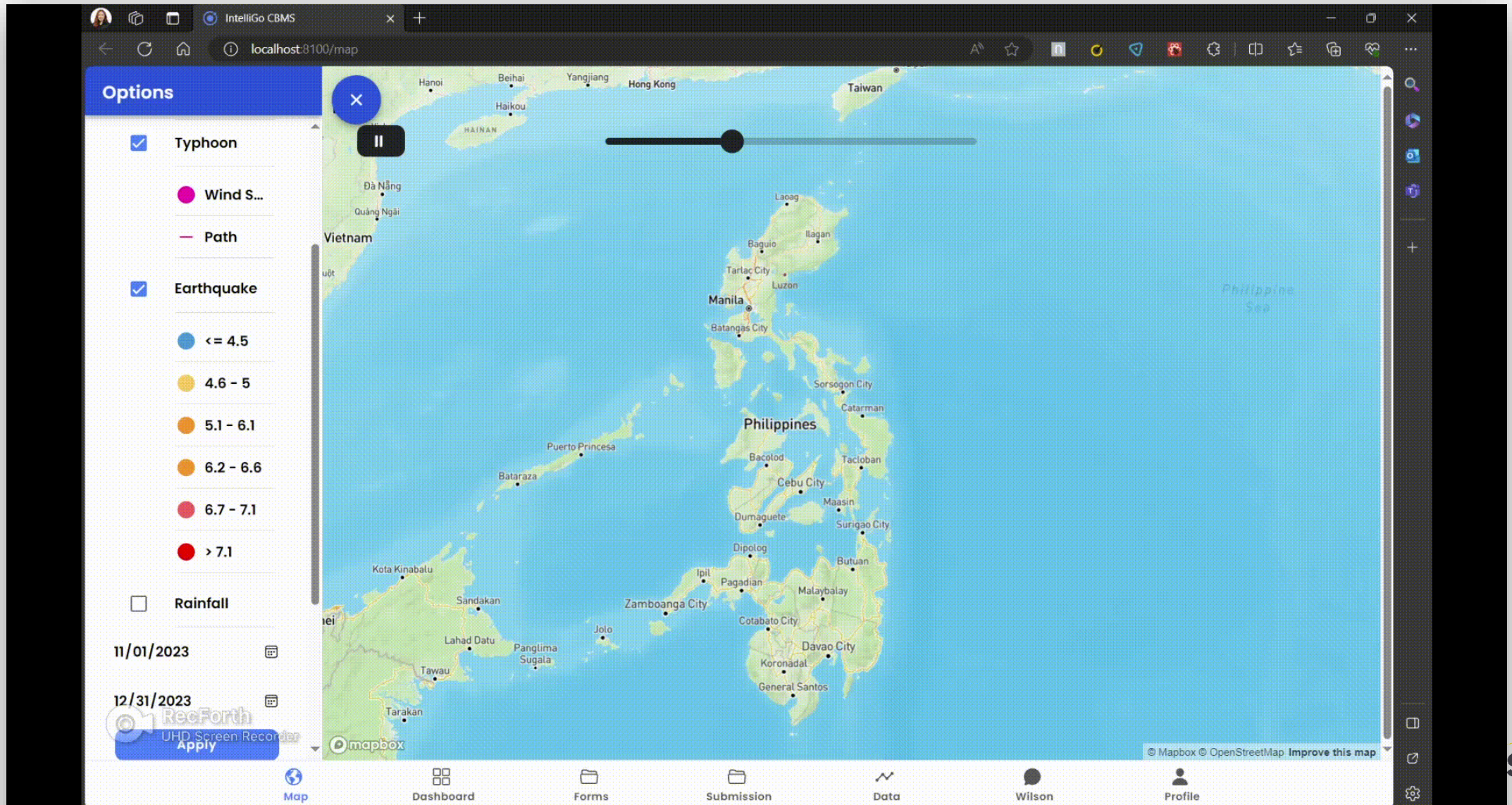
- Track Commodity Activity
- Update Record Status
- Data Visualization

- GeoSpatial Analysis Ready
  - Can be applied to logistics and supply chain management by visualizing the geographic distribution of farms, processing centers, and markets.



# IntelliGo GeoFinance

Can be integrated with Philippines hazard layers



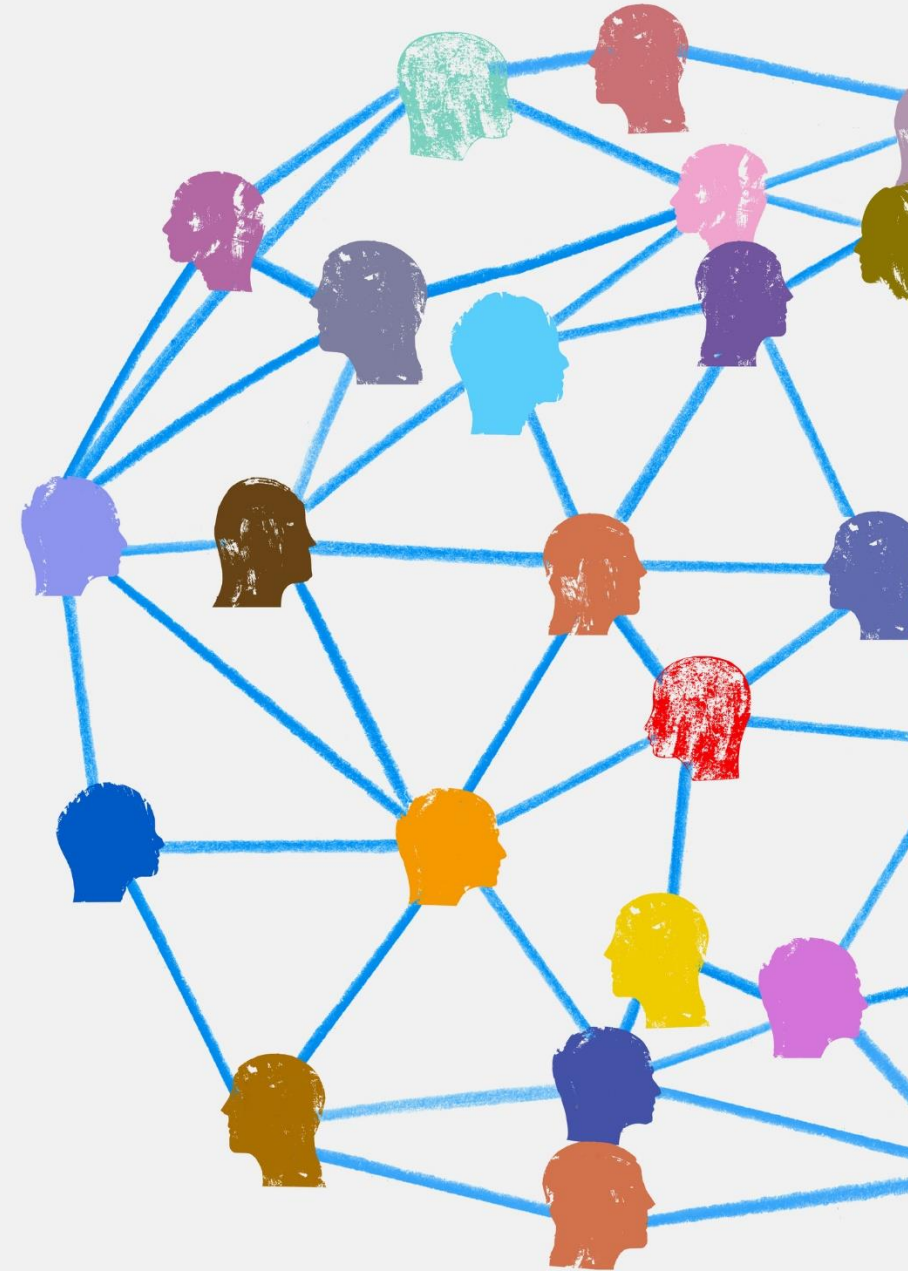


# FSO FinCrime Name Screening Challenge



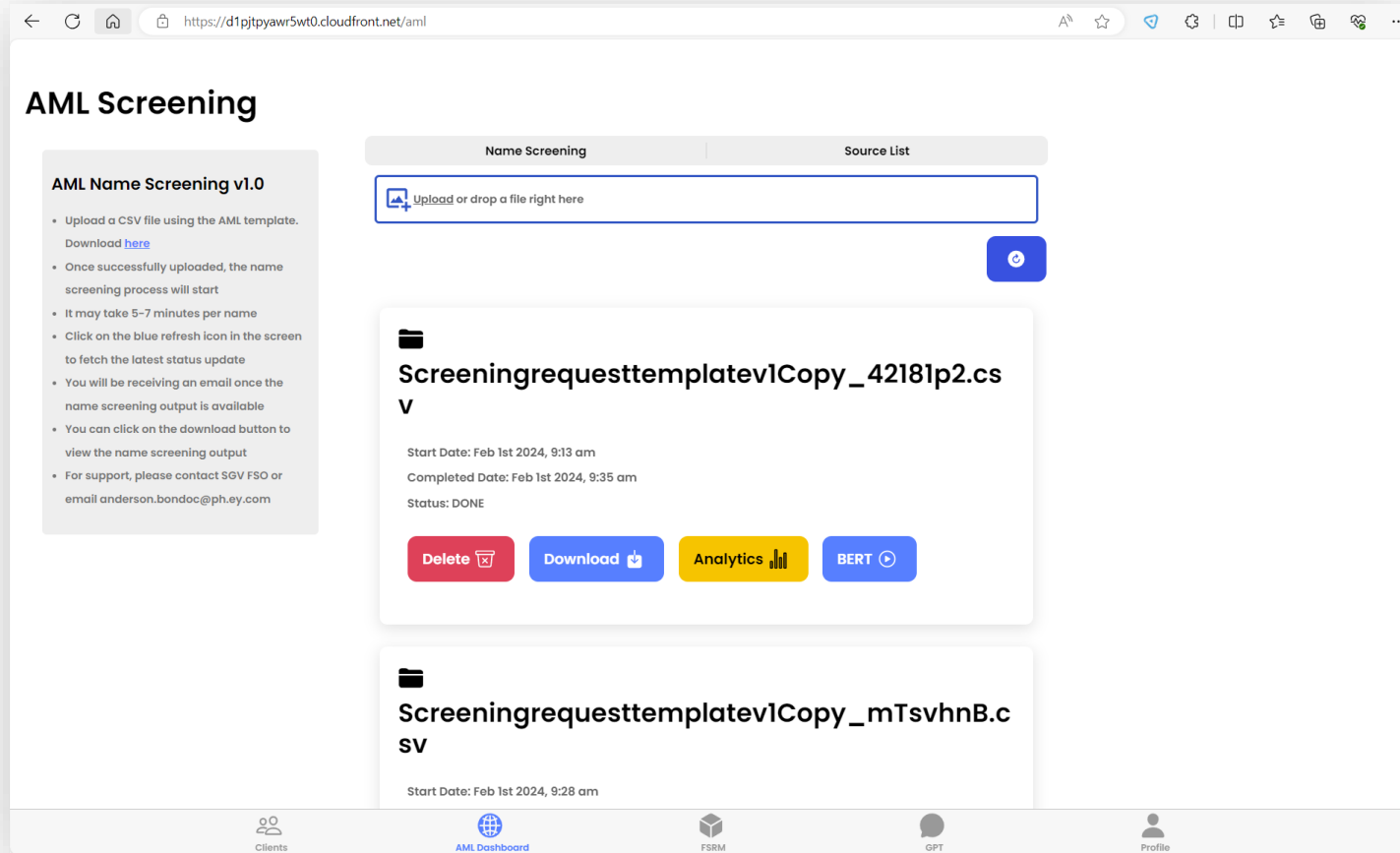
No internal Name Screening Tool to cross-validate output from other 3<sup>rd</sup> party Name Screening Software

No available Gen-AI framework and model to continuously learn names and matches





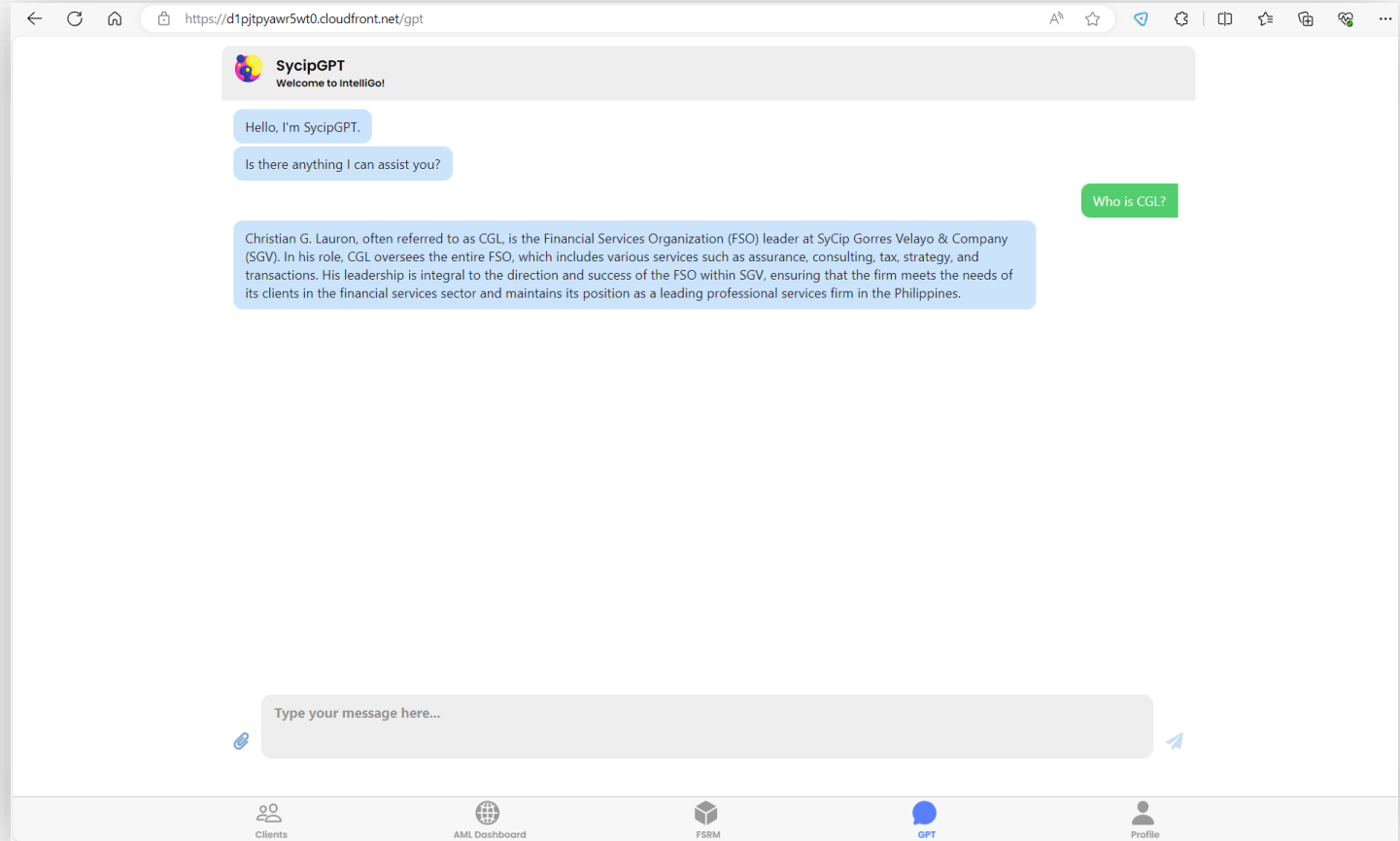
# IntelliGo Name Screening



- Can upload list of Names to be screened
- Can upload individual and entity list
- 4 algorithms (String, Similarity, Phonetic and Sound)
- 1 Machine Learning model (RoBERTa)

# IntelliGo Name Screening Next Steps

- Use Large-language model and LLM framework to improve the name screening component

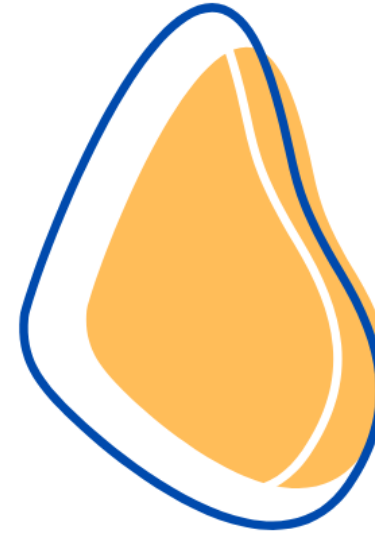


# *IntelliGo Demo*

# END

## SGV IntelliGo

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