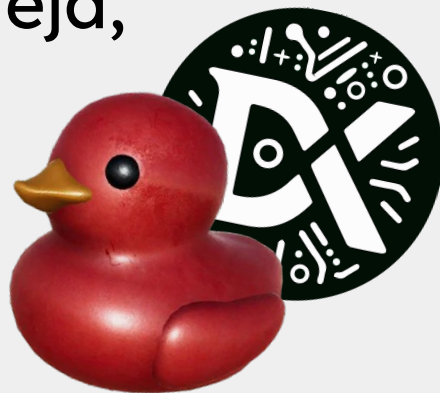


# SmartProcure



Team Duck Hunters:

Olena Molla, Iracema Cobian, Sawyer Sieja,  
Abdulquadirowais Muhammed



# This is Bob



# Bob procures for CSUs



## Request For Proposal(RFP):

- Explains what Bob needs
- Requests explanation how vendors will meet Bob's needs
- How much it might cost Bob
- Why the vendor is the best fit for Bob



PLUMBERS - CONSTRUCTION - IRRIGATION

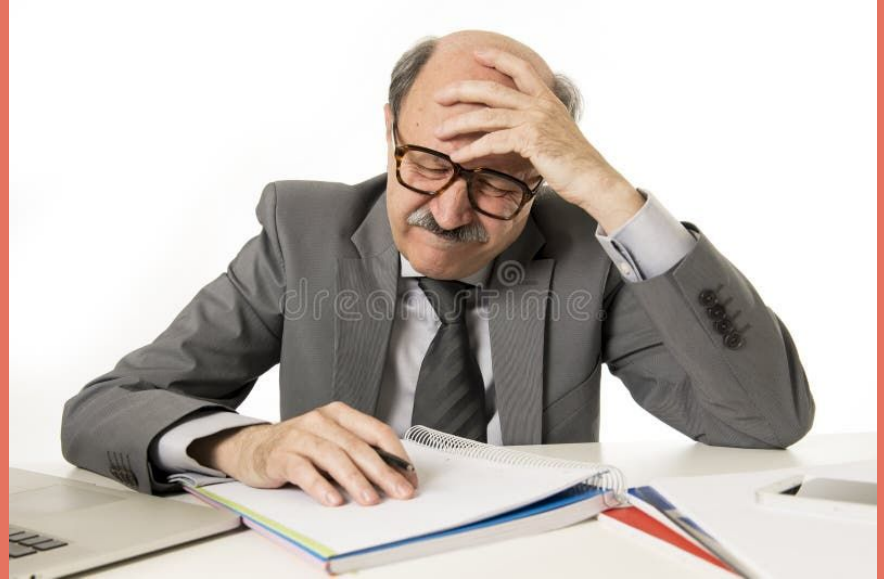
# Bob is overwhelmed

- Deadlines, responsibilities, exhaustion.
- Vendor proposals can be up to 100 pages.
- Different formats, full of bloat.
- Wrong choice wastes time, money, and trust.
- Bob doesn't know who to pick.







# How do we help Bob?

Bob needs to go over the vendor proposal files and compare them with the RFP requirements.



# Goals



-  **1** Extract what matters, ignore what doesn't.
-  **2** Make it easy to compare vendors based on what the RFP actually asks for.
-  **3** Build a system that ingests the RFP, reads each vendor proposal, and generate a **consistent** evaluation matrix.
-  **4** Output a CSV with vendor scores.



User's Local  
File System



### Streamlit Web App

**UI Layer**  
(Streamlit)

**Business Logic**  
RFP Analysis  
Vendors Evaluation  
Scoring System

**Data Layer**  
File Processing  
CSV Management



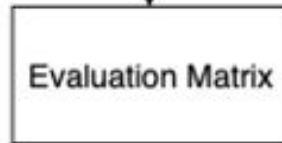
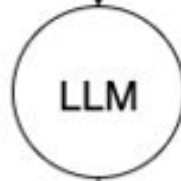
**AWS**

Amazon Bedrock LLM

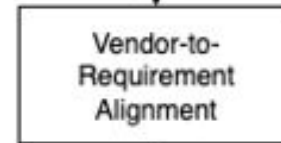
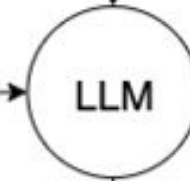
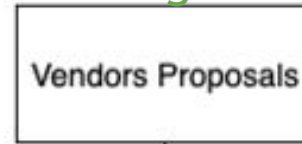


## Automated Requirement Extraction and Vendor Assessment

Stage 1



Stage 2



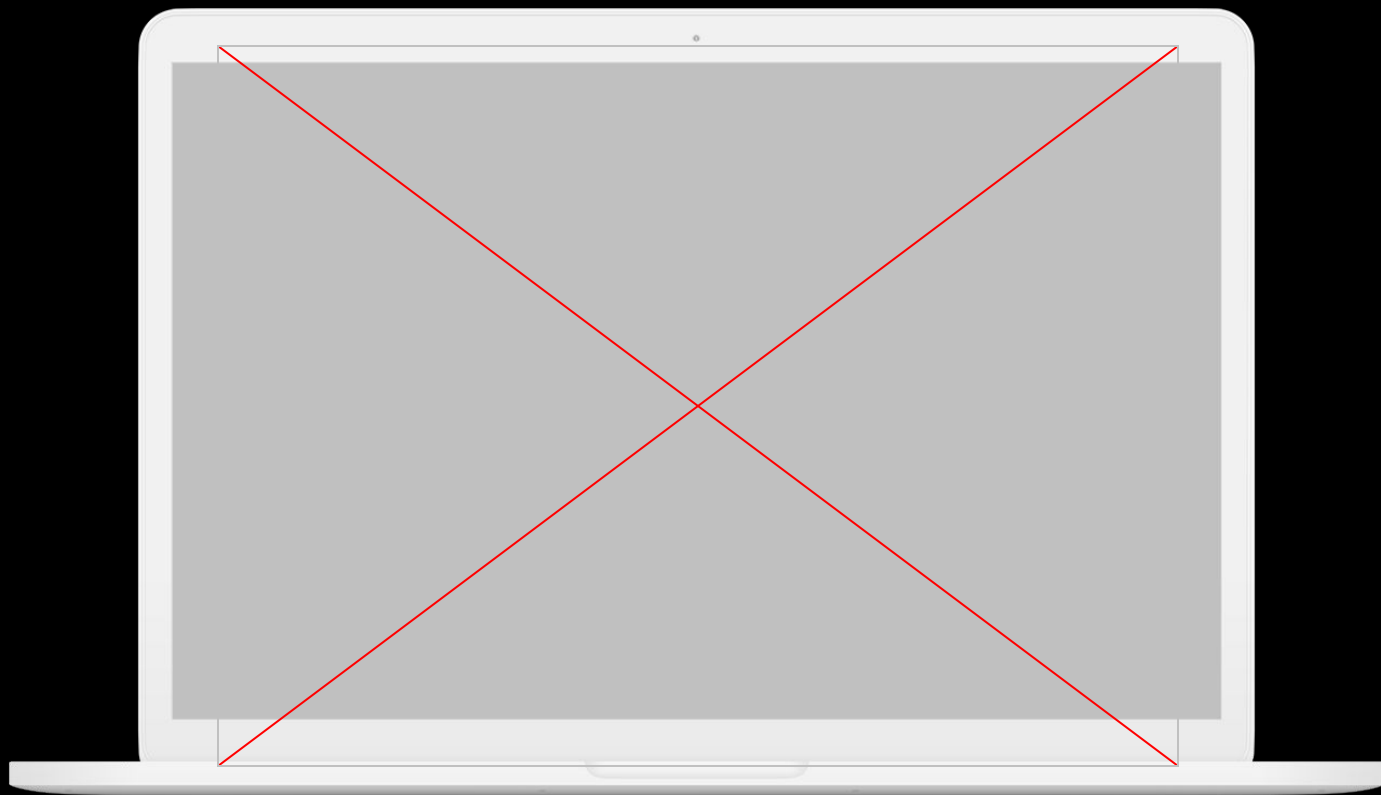


# What can help Bob?

## SmartProcure!

- Users can simply upload documents via our interface.
- Limited technical knowledge needed.





# Q&A

Any questions?



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# Thank You!

Special shout outs to:

- Our amazing mentor Ryan
- DxHub
- AWS




Yes = 1

No = 0

Not sure = 0.5

Score: 21.5/25 (Yes: 20, No: 2, Not Sure: 3)

 Final Score: Score: 21.5/25 (Yes: 20, No: 2, Not Sure: 3)

Evaluation matrix updated with Atrium scores!