

# The RAG-based medical QA Capstone Project

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# Introducing The Team



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# Our Mentor



## Yue Jiang

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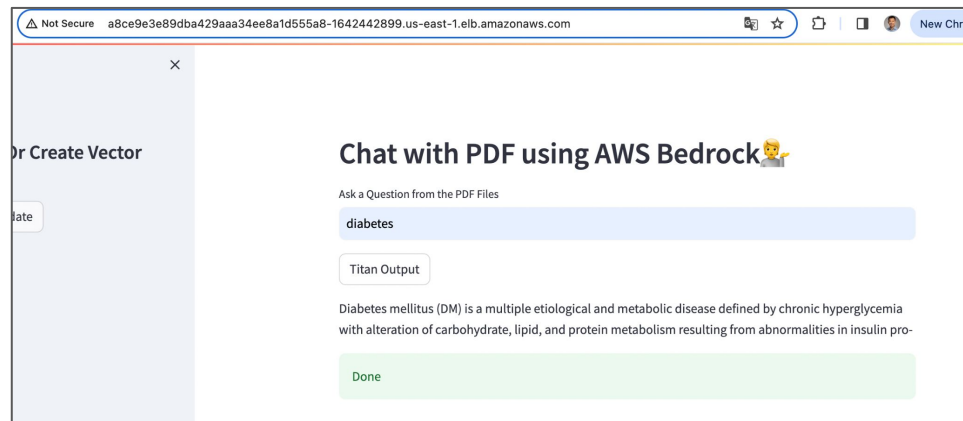
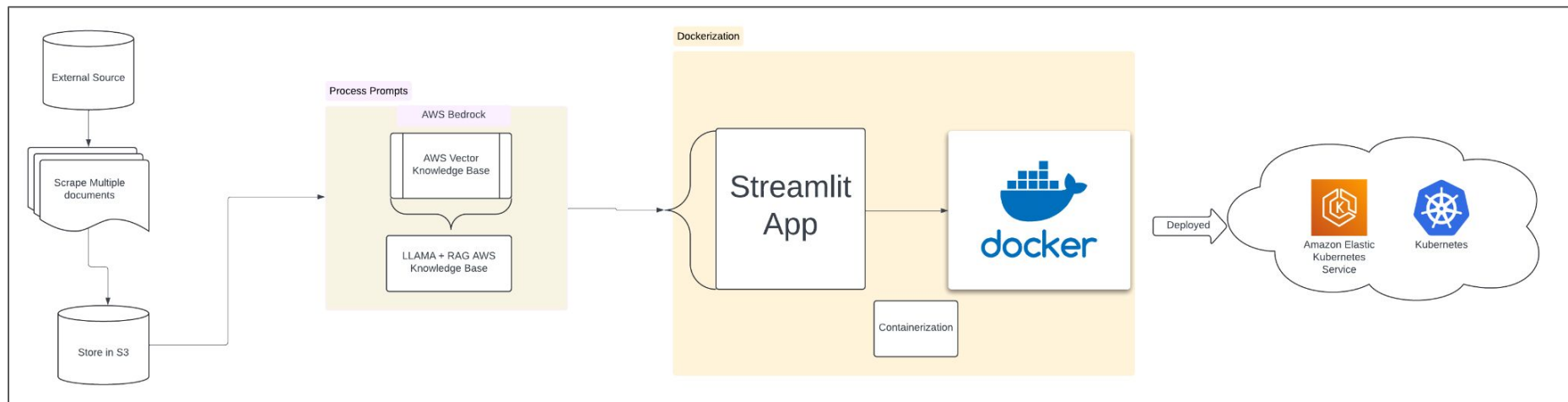
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# Objective and Building Blocks

- The build a **RAG-based medical question answering** model for clinical use
  - Invite Dr. Wong's to share his vision on the project
- Aspects of the project
  - **Data:** documents used for model
  - **Engineering:** database, front-end, building an APP
  - **Modeling:** document representation and selection, answer generation
  - **Evaluation** of the model

# What we have



# Next Steps

- Set Regular meeting schedule
- Next up:
  - Roles and Responsibilities
  - Recent and overall Milestones
  - Progress

# References

1. Lewis, Patrick, et al. "Retrieval-augmented generation for knowledge-intensive nlp tasks." *Advances in Neural Information Processing Systems* 33 (2020): 9459-9474.
2. Jin, Qiao, et al. "Pubmedqa: A dataset for biomedical research question answering." *arXiv preprint arXiv:1909.06146* (2019).