

College of Computing and Information Technology

# PETRO.TECH PETROLEUM SUPPLY CHAIN SYSTEM

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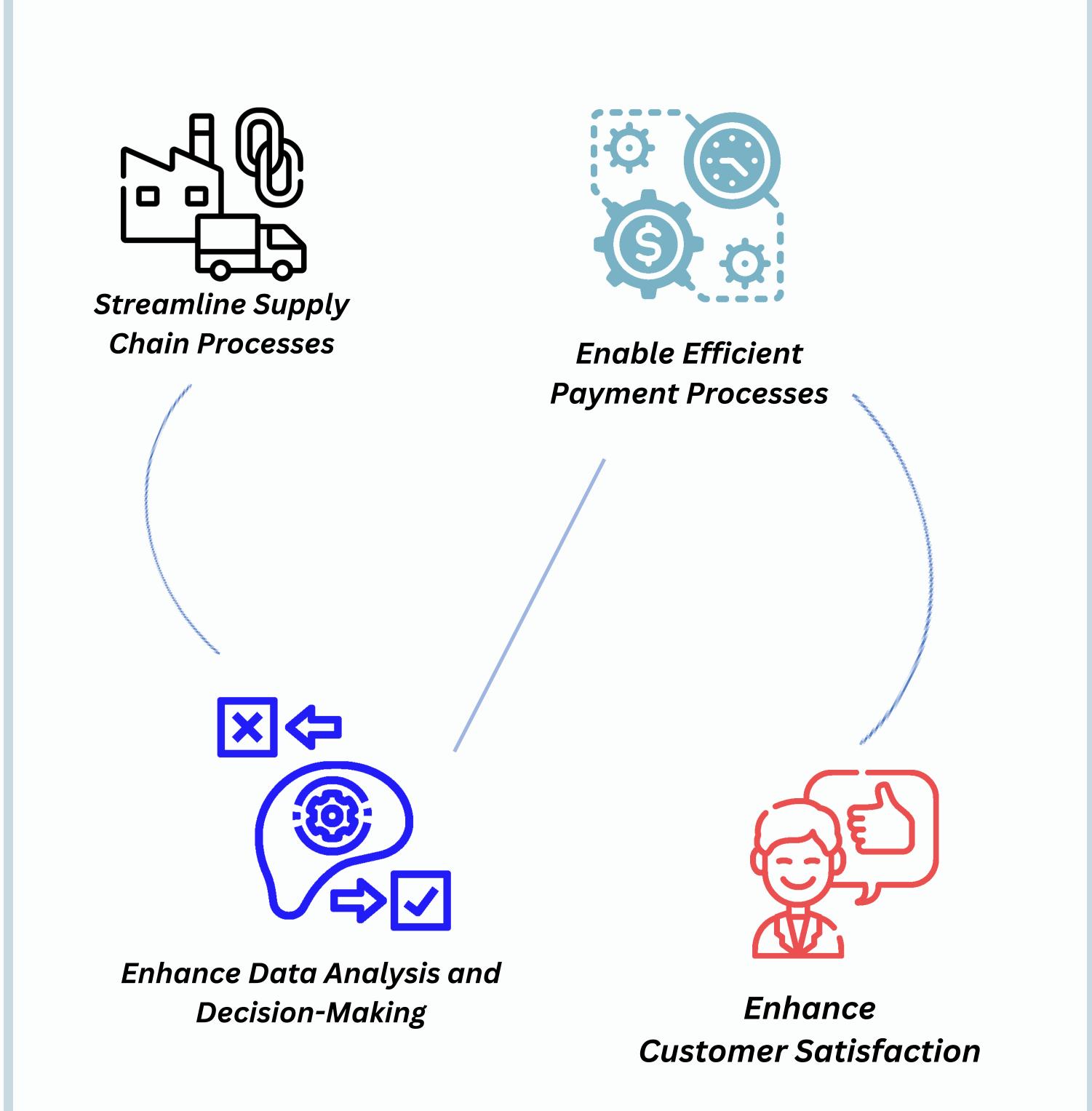
# MOTIVATION

- Developing a web-based system for the petroleum industry supply chain.
- Overcoming challenges and inefficiencies in operational processes.
- Involvement of multiple entities and complex interactions.
- Entities include importers/extractors, factories, shipping companies, distributors, and selling points.
- Manual and disjointed communication methods leading to delays, errors, and lack of transparency.
- Decreased efficiency and increased costs as a result of current communication methods.
- Leveraging technology to create a centralized platform

• Streamlining operations and improving communication.

- Enhancing the overall effectiveness of the petroleum
- supply chain.

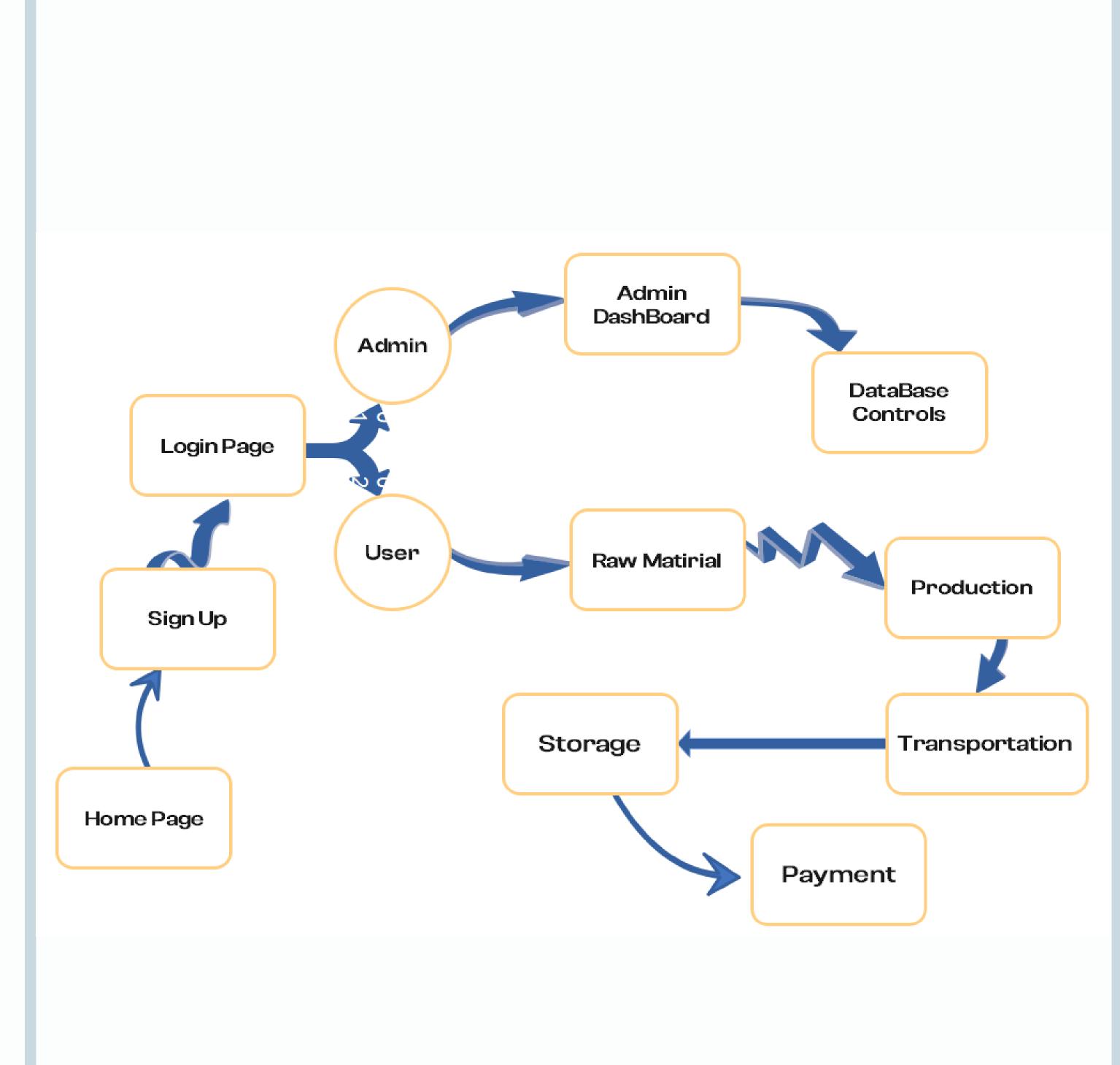
# OBJECTIVES



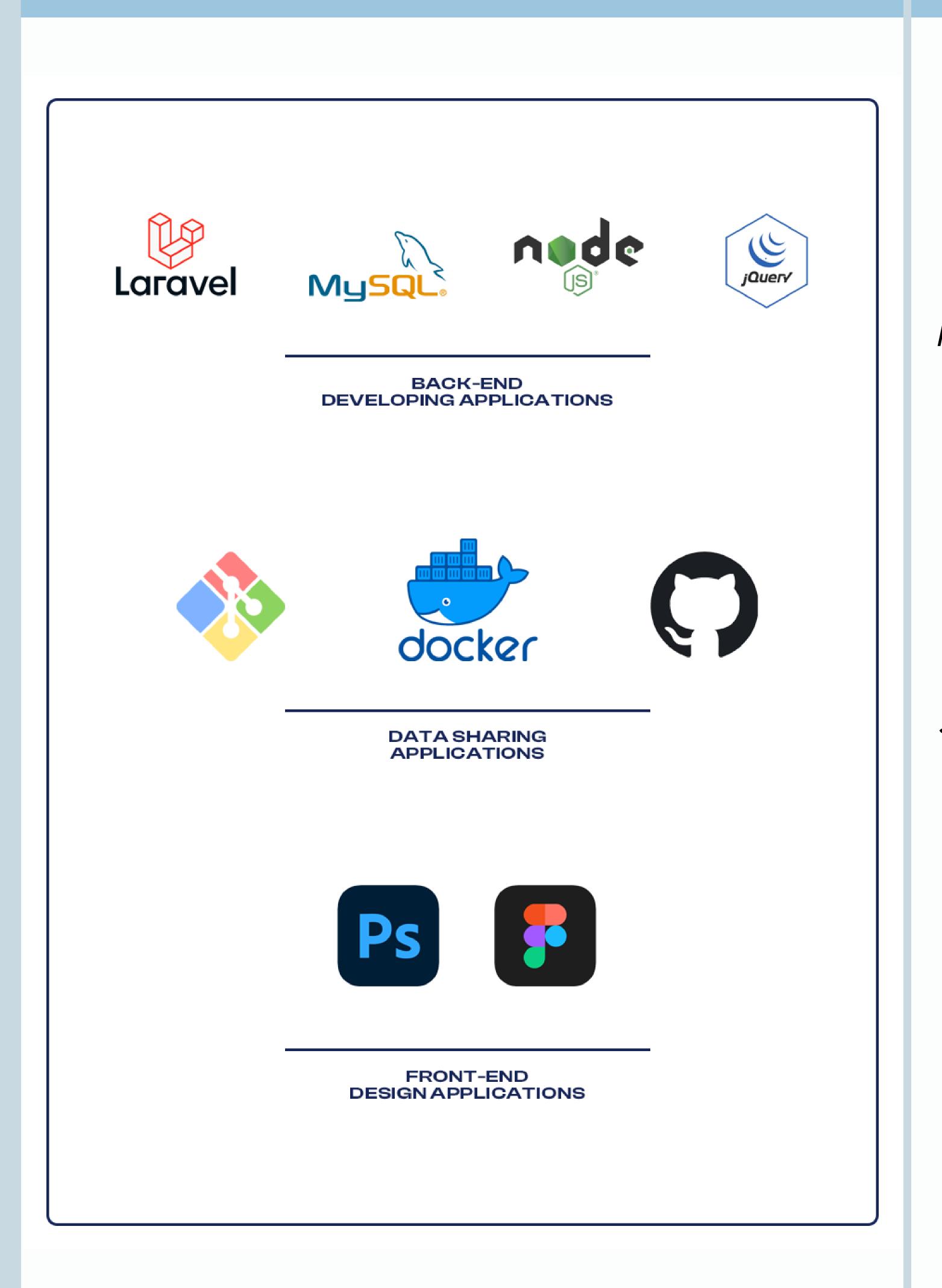
# METHODOLOGY



#### WORKFLOW



# TOOLS AND RESULTS



#### CONCLUSION

In conclusion, the web-based system for the petroleum industry supply chain holds immense potential to revolutionize operations, enhance communication, and streamline processes. By improving accuracy, timeliness, and collaboration among stakeholders, the system drives efficiency, reduces errors, and ultimately enhances customer satisfaction. With its ability to optimize inventory management, facilitate secure payments, and provide valuable insights for decision-making, the system empowers the petroleum industry to achieve greater operational effectiveness and competitiveness in a rapidly evolving market.

# **CONTACT INFORMATION**

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