#### MICHIGAN STATE UNIVERSITY

# Alpha Presentation Ally P2P Lending Platform

The Capstone Experience

Team Ally

Ray Sufyan Nick Lim Johannes Shin Mark Brandly Rocco Wu Sonali Reddy

Department of Computer Science and Engineering
Michigan State University

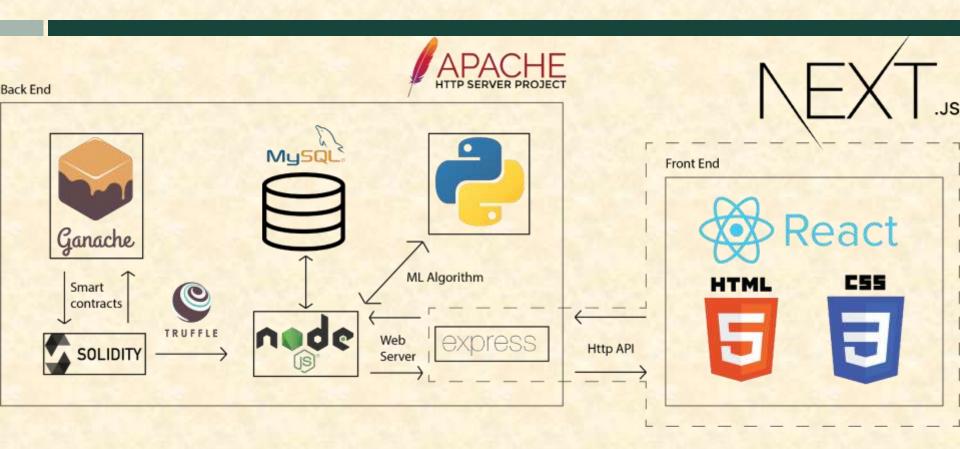
Spring 2022



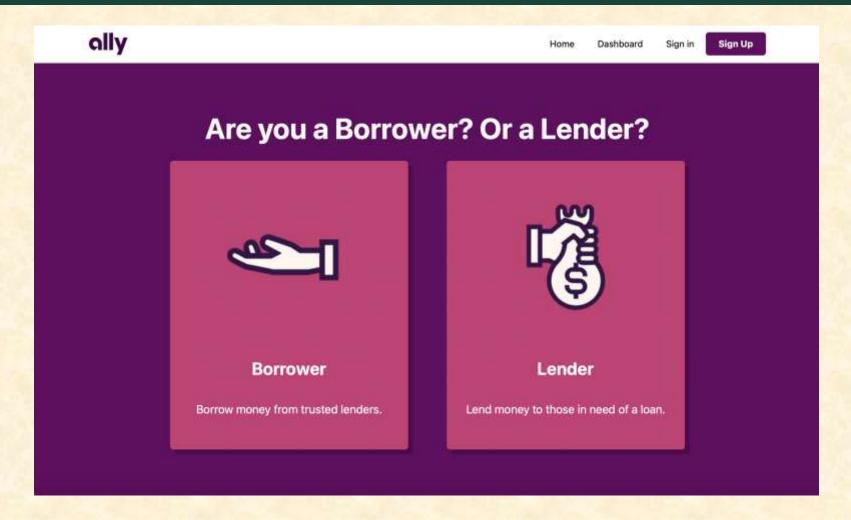
## **Project Overview**

- Ethereum Blockchain based P2P lending platform
  - Enables quicker loan processing time and requires less loan documentation
- Removes the middleman
- Incorporation of Smart Contracts for transfers and repayments
- Develop a user-friendly UI for Ally clients

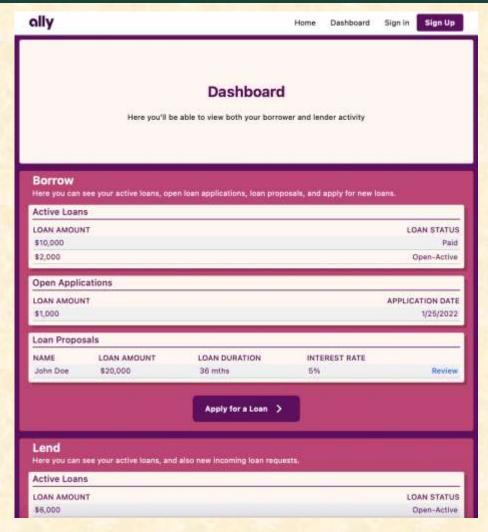
# System Architecture



# Main Page

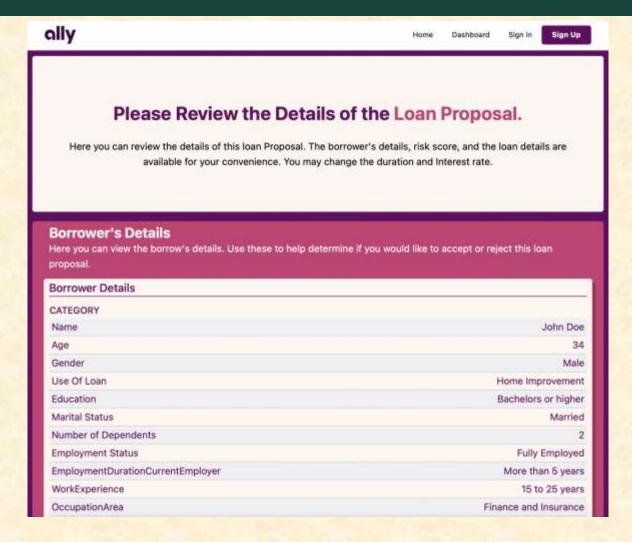


### User Dashboard

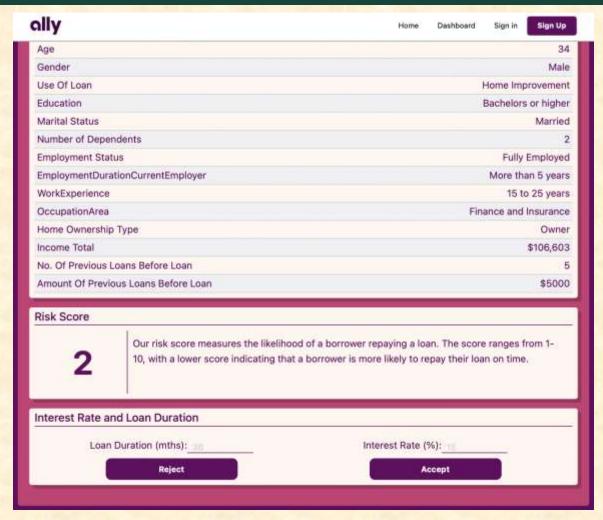




## Loan Proposal Details



## Loan Proposal Details Continued



#### What's left to do?

- Task 1 :Lender will be able to repay loans with interest
- Task 2:Create a more polished User Interface
  - Build upon user profile UI and general UI mockups
- Task 3:Integrate machine learning algorithm into application
  - To provide a risk score for clients who request a loan

## Questions?

