Outline

● Overview
● Timeline
● Project Design
● Deliverables
● Problems Faced
● Lessons Learned
● Future Ideas
● Acknowledgements
● References
Overview

● User based web/mobile application
  ○ Helps navigate changing legislation for farmers

● Helping farmers identify produce safety regulation
  ○ Site uses info in accordance with FDA, CDC, and VA Cooperative Extension

● Website Includes:
  ○ Seven internal web pages
  ○ Internal user-client created by our team
  ○ FAQ page to help farmers with information
  ○ External links to FDA produce requirements
  ○ CDC food recall updates
  ○ Surveys to provide essential information to users
Timeline

- **Feb 11**: First Client Meeting
- **Feb 25**: Front End Development
- **Mar 26**: Continue Front End Development
- **Apr 12**: Complete Back End Development
- **Apr 19**: Get Final Feedback From Client
- **Apr 26**: Final Presentation

**Wireframe Prototyping**
- Present Prototype to Client and Receive Feedback

**Get Backend Data from Client**

**Integrate Back End and Front End**

**Deploy Website**

**Final Report**
Project Design - Front End

Developed using:

- Node.js
- React
- HTML
- CSS
Deliverables
Problems Faced

- Delay in receiving data
  - Back end data stall resulted in reduced timeline for implementation
- Deployment issues
  - VM issues related to hosting our application
- COVID-19 related issues (changes in timeline, communication, etc.)
  - Working remotely made implementation slower
  - Other issues lead to our project timeline changes/delays
  - Communication became more difficult
Lessons Learned

- Working with a direct customer/client
  - Important to keep maximum contact throughout
  - Client reported to higher authority making expectations skewed
- Evolving client requirements/wants
  - Expectations on deliverables kept evolving
- Managing team dynamics
Future Ideas

- Real Time Notification System
- Add additional information and expand on the survey to include other food safety information outside of the Produce Safety Rule and Preventive Controls for Human Food Rule
Acknowledgements

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References


Questions?