

OSUNinkasiCapstone

Start the Project

- Pick a project
- Establish communication lines
- Set up meetings with both instructors and clients

Business Plans

- Draft a problem statement
- Finalize the problem statement
- Requirements documents draft
- Finalize the requirements document
- Technology Review draft
- Finalize technology review
- Design Document draft
- Finalize design document
- End of term progress report

Determine Hosting

- Determine if the site is hosted at Ninkasi or elsewhere

Winter Break

- Winter Break

Minimum Viable Product

Database

Database Design

- Get a copy of the current data storage system
- Select a database technology
- Draft the database design

Database Implementation

- Implement database
- Stress test database
- Report on data retrieval capabilities
- Design for REST API
- Connect webpage to database

UI Access Points to Database

- Create input fields for data submission
- Add buttons that will dump database info to the screen
- Ensure site is usable on desktop and mobile

Basic Input Design for Mobile

- Implement Interface
- Create REST API endpoints

General UI

Design

- Mockup desktop data entry page
- Mockup desktop data display page
- Mockup mobile data entry page UI
- Mockup mobile feedback page
- Get feedback on mockups

Implement

- Implement data entry page
- Implement one data display method
- Implement mobile data entry page UI
- Implement mobile feedback page

Implement Excel Data Output

- Figure out a way to get the site to export to excel
- Implement it

Login

- Create database for employee login
- Design UI for login page
- Create login page
- Allow for permanent sign in

Error Handling

- Implement error handling on data entry
- Secure against SQL injection



