Project Plan
Enterprise Architecture Roadmap

The Capstone Experience

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Functional Specifications

• **Roadmap Page** — The landing page of the application that allows the user to open a new project, view their personal projects or all projects on the database.

• **Editing Mode** — This function is called when a project is opened, the user can add or remove data points while also seeing the presentation view that the project will have when in presentation mode.

• **Presentation Mode** — This is the mode seen by the audience of the presentations, these include clickable interaction with the presenter that allows them to delve deeper into the project’s specifications.
Design Specifications

• Login Page

• Roadmap Page
  ▪ All Current Roadmaps
  ▪ Search Functionality

• Roadmap Tool
  ▪ Data input (collapsible)
  ▪ Live data visualization
  ▪ Second level modal box
  ▪ Presentation Mode
Screen Mockup: Login Screen
Screen Mockup: Roadmap Screen
Screen Mockup: Design Mockup

(Business Value) Remove the burden of proof from client improving their experience

Reduce processing time

Improve the client experience of repeat clients

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Consistent and simple communication process, based on client’s preference, from start to finish

Conversion of CSS actions for MySQL

Prioritize hotspot based on preferred client time

Dynamic FAQ on client-facing systems

Create integrations with payroll providers
Screen Mockup: Data Input Mockup
Screen Mockup: Data Input Mockup

Streamline the documentation process for clearing required conditions

Remove the burden of proof from client improving their experience

- integrate w/ payroll providers
- Add Project
- Add Business Value
- Add Strategy Point

Streamline the documentation process for clearing required conditions

integrate w/ payroll providers

Streamline the documentation process for clearing required conditions
Screen Mockup: Data Input Mockup
Screen Mockup: Data Input Mockup

Streamline the documentation process for clearing required conditions

- Reduce processing time
- Remove the burden of proof from client improving their experience
- Integrate w/ payroll providers
- Removal of hand sign documents
- Add Project
- Add Business Value
- Add Strategy Point

Reduce processing time

Integrate w/ payroll providers

Removal of hand sign documents
Screen Mockup: Data Input Mockup
Screen Mockup: Data Input Mockup
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Technical Specifications

• Microsoft SQL Server
• IIS Web Server
• Web Front End
  ▪ Login System
  ▪ Roadmap Page
  ▪ Roadmap Creation Tool
    o Timeline Management
    o Project Management
  ▪ Roadmap Presenter
System Architecture

Web Front End

- Microsoft SQL Server
- IIS Web Server
- Login System
- Home Page
- Roadmap Creation Tool
- Roadmap Presenter
- Timeline Management
- Project Management
System Components

• Hardware Platforms
  ▪ Microsoft Server 2012

• Software Platforms / Technologies
  ▪ Microsoft SQL Server 2012
  ▪ IIS Web Server
  ▪ Visual Studio 2015
Testing

• Unit Testing
  ▪ Microsoft Unit Testing Framework
    o Regression Testing
    o Track Progress
    o Identify problems
    o Identify Risk Areas

• Functional Testing
  ▪ Weekly client consultations
  ▪ Enterprise Architecture Team feedback sessions
Risks

- Visualization will because overly cluttered with excessive data
  - Hiding data in secondary layer on webpage
- Teams lack of web development experience
  - Choosing language with most team experience’
  - Using resources from Quicken Loans and the University
- Database and Webpage integration
  - Frequent full team meetings and group development
- UI effectiveness
  - User experience session with Quicken Loans
  - Quicken Loans has constant access to the progress