MICHIGAN STATE UNIVERSITY

Alpha Presentation
HTML5-Based WYSIWYG Label Designer

The Capstone Experience

Team Plex Systems

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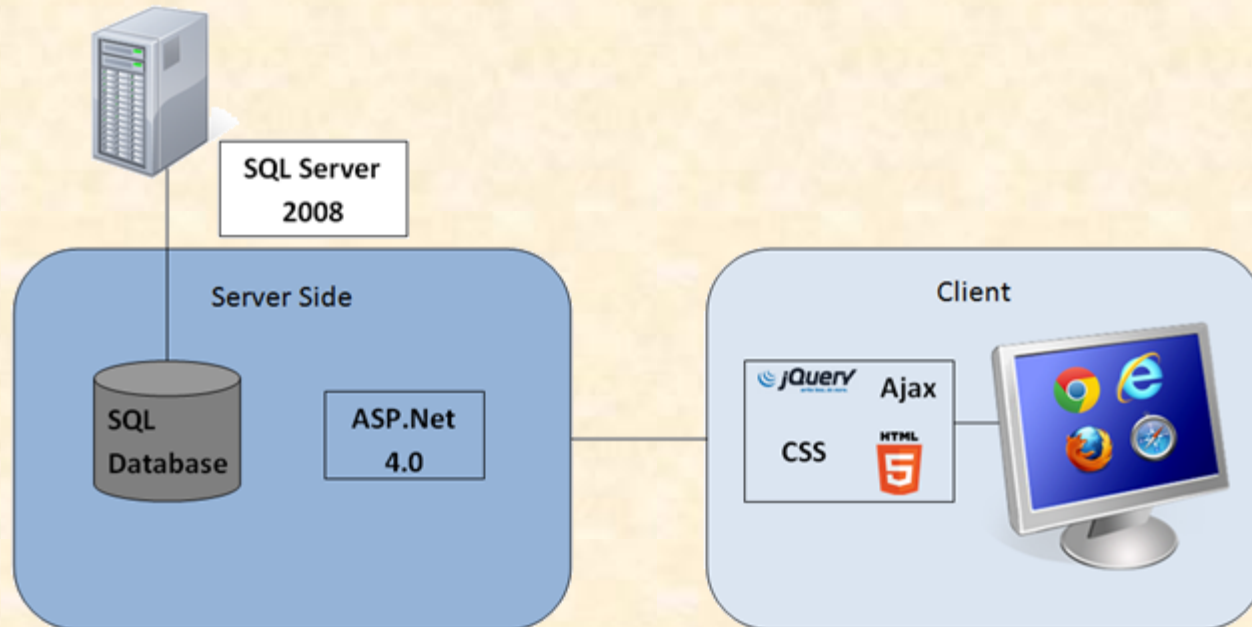Michigan State University

Spring 2012

From Students…
  …to Professionals

Project Overview

- HTML5-based WYSIWYG Label Designer
  - Label designer created with web technologies
    - Application supports major modern browsers
    - Browser support depends on HTML5 implementation
  - Support end user creation of new label layouts
  - Created label flows are used in tracking manufacturing processes
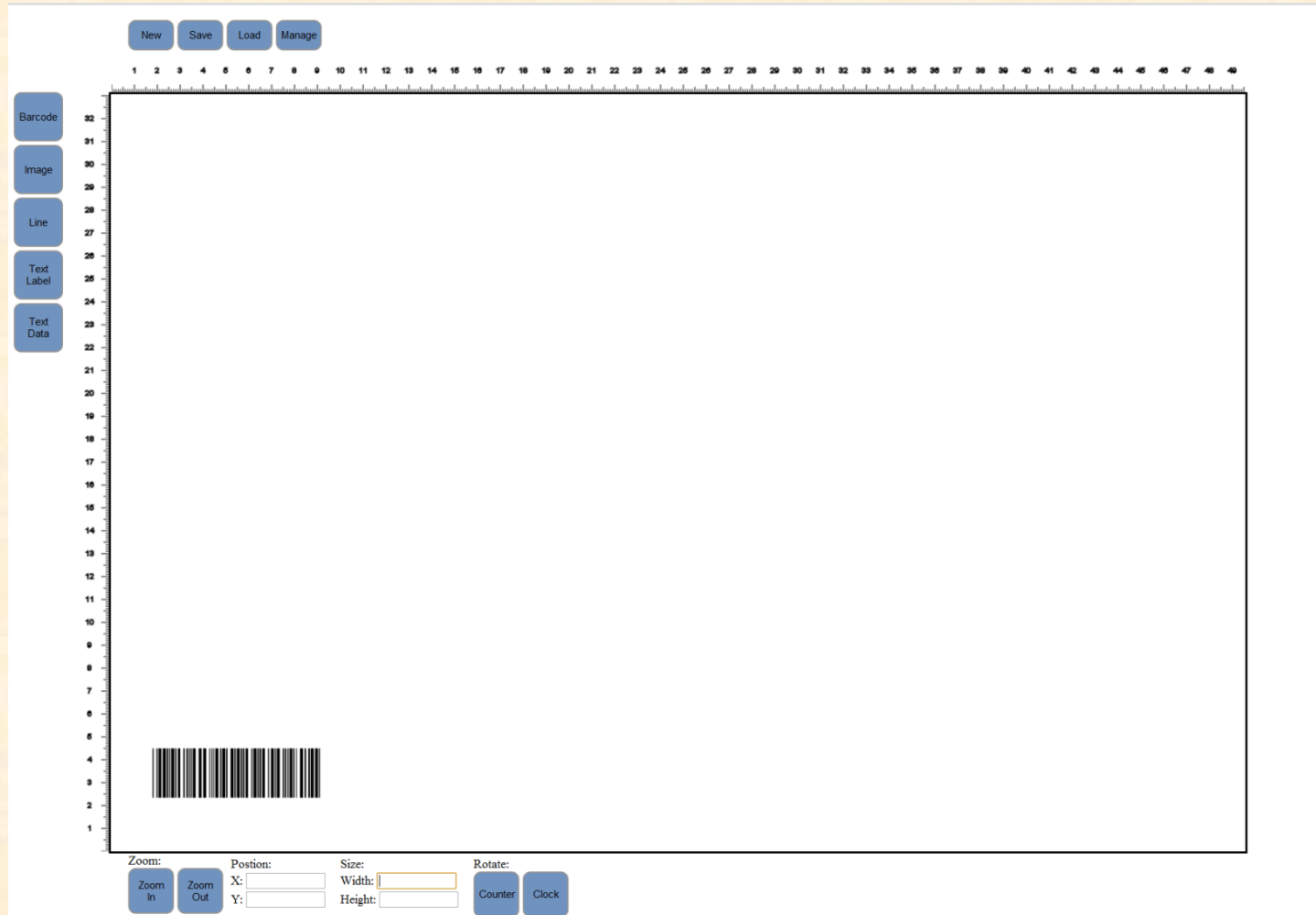 - SQL Server receives designs and provides them to the user

System Architecture
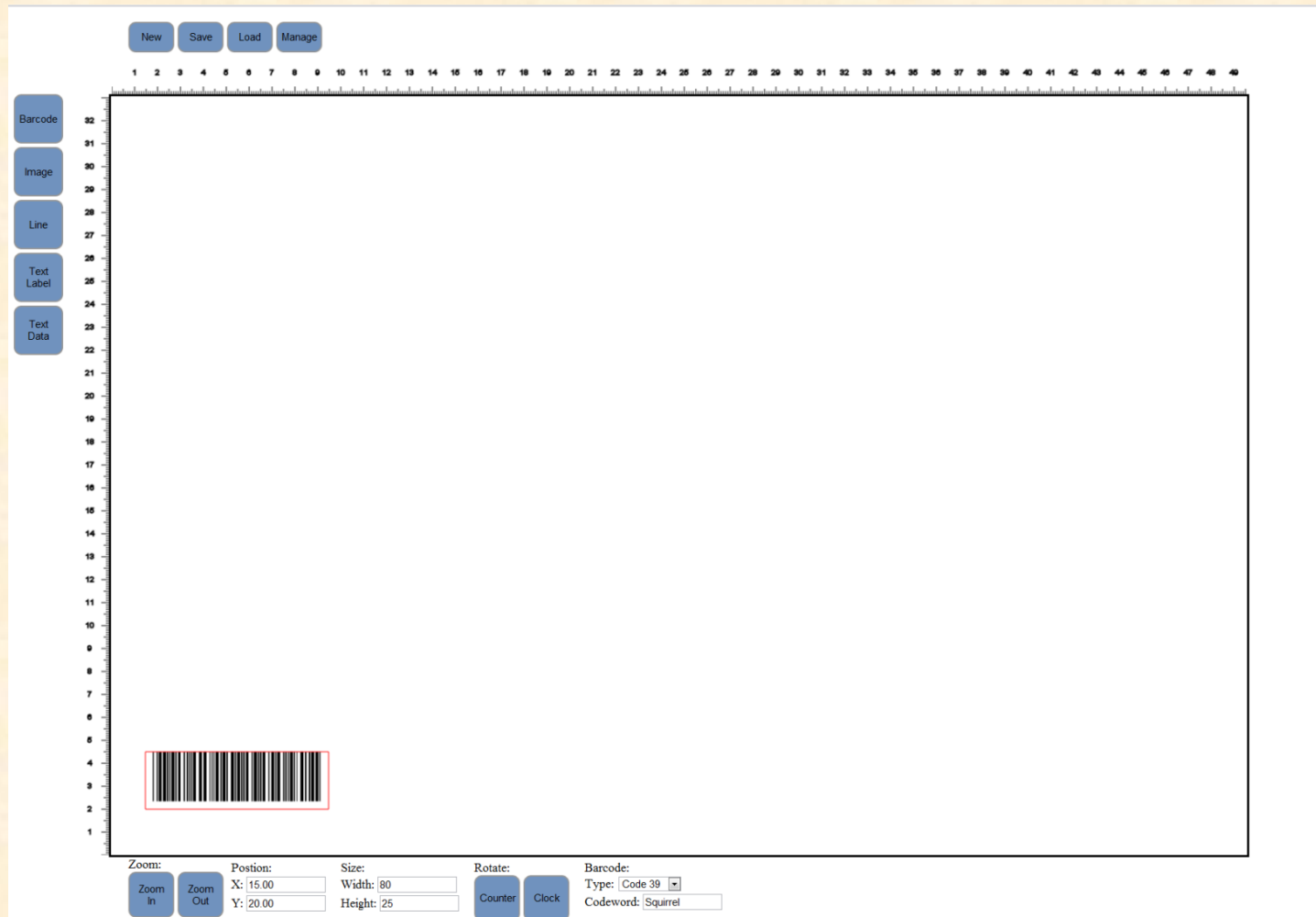
Default Application View

Placed Object

Team Plex Systems Alpha Presentation

Barcode Edit

Image Edit

Line Edit

Text Label Edit

Text Data Edit

Final Label Layout

What's left to do?

- Menu Screens
  - Save/Load/Management
  - Label properties
- Text Labels/Data
  - Dynamic font sizes
  - Font types
- Element Orientation
- Saving/Loading from the database
- Usability improvements