

MICHIGAN STATE
UNIVERSITY

Alpha Presentation

HTML5-Based WYSIWYG Label Designer

[The Capstone Experience](#)

Team Plex Systems

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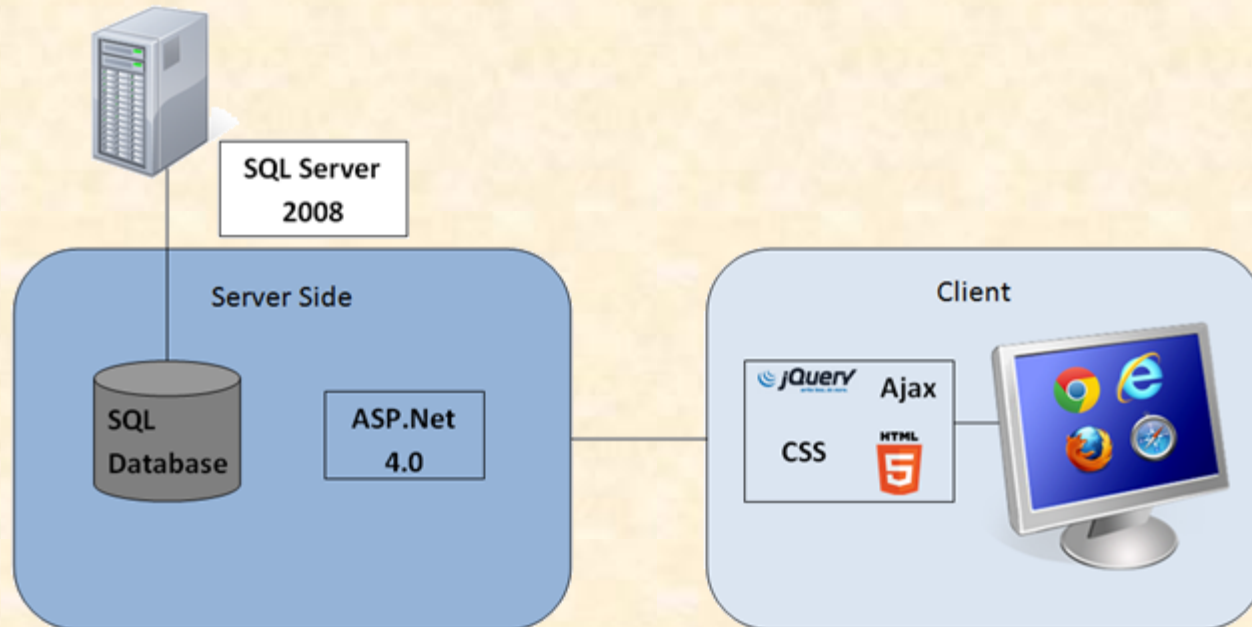


*From Students...
...to Professionals*

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

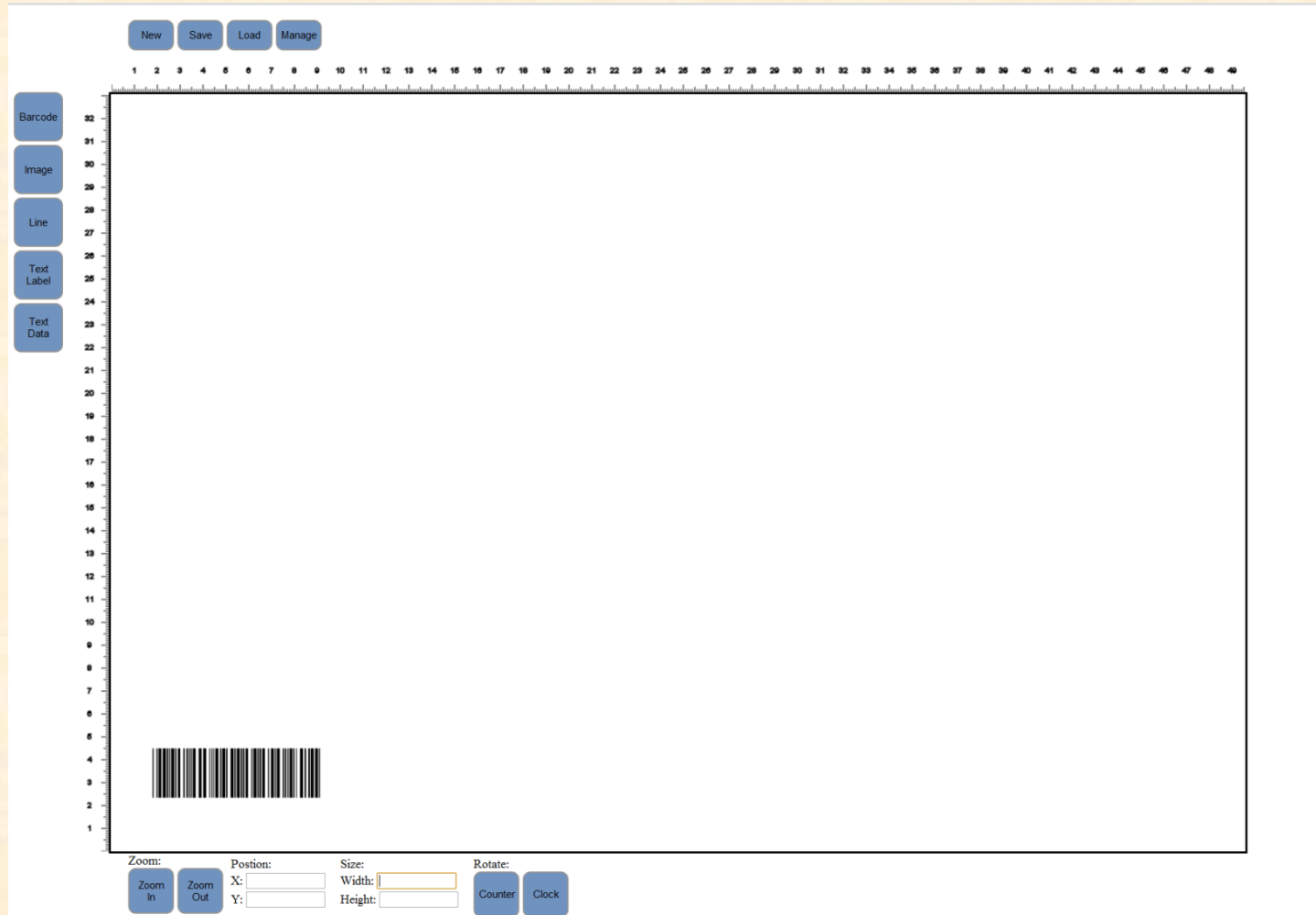
System Architecture



Default Application View



Placed Object



Barcode Edit

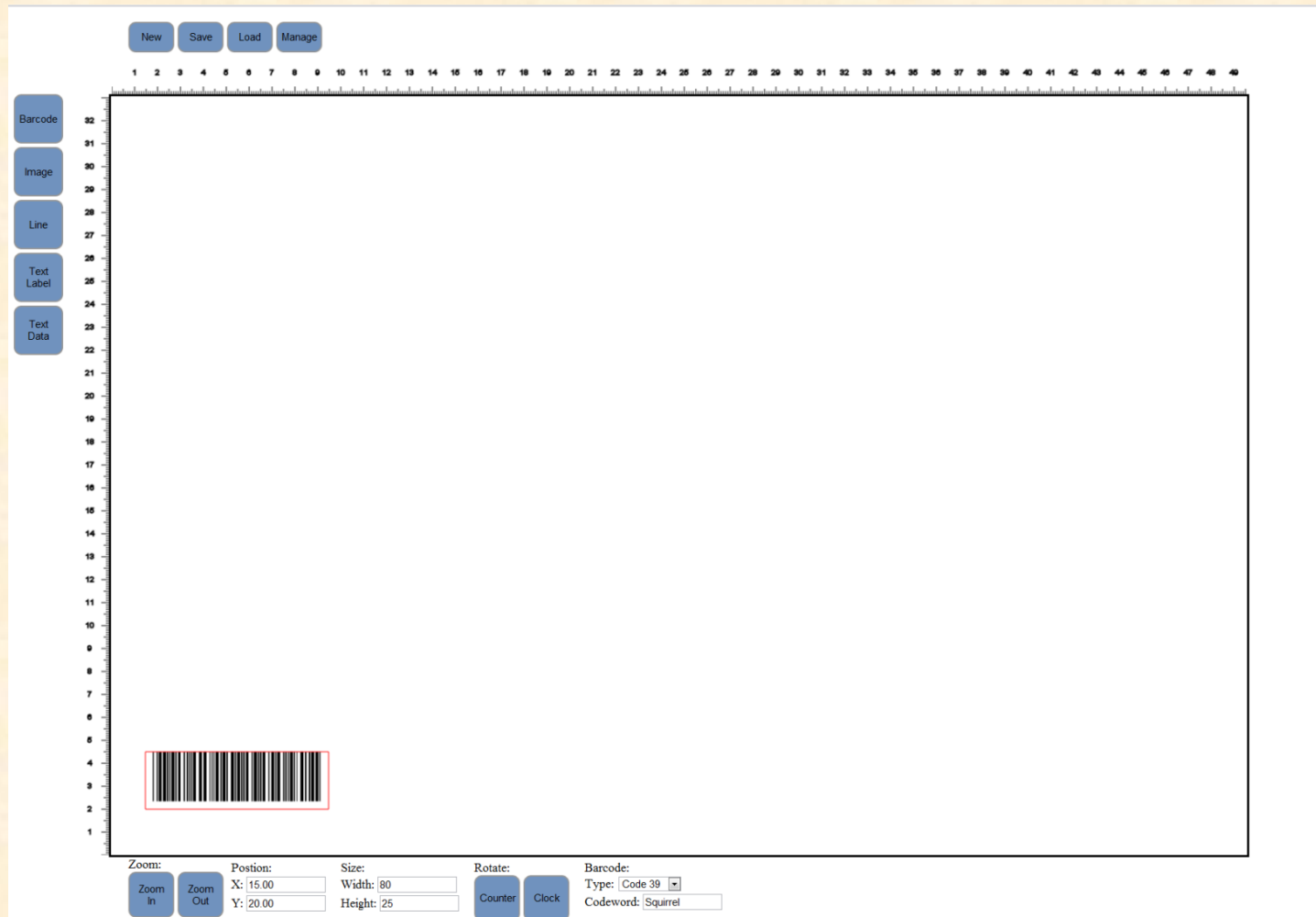


Image Edit



Line Edit



Text Label Edit



Text Data Edit



Final Label Layout

New Save Load Manage

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Barcode
Image
Line
Text Label
Text Data

FROM: ABC COMPANY 123 NUMBER LANE ALPHABET, YZ 90785-4321 SUPPLIER# A0000															TO: HARLEY DAVIDSON 1425 EDEN ROAD YORK, PA 17402														
DOCK: A3 DEL LOC: XL122222222																													
PART NO. (P) 91654-01															REV. LEVEL C PART DESC: RT RISER														
QUANTITY (Q) 10000															PURCHASE ORDER# (K) R000009876														
SERIAL NO. (3S) 99999999															PACKING LIST# (11K) 12345678														

Zoom: Zoom In Zoom Out Position: X: Y: Size: Width: Height: Rotate: Counter Clock

characters long. Line can extend beyo

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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