

PROJECT SPECS

PROJECT TYPE: Custom Enterprise Software

TECHNOLOGIES:

Language : C#, .Net

Database : MySQL

Third party: FlexGrid, Eyeshot

SERVICES PROVIDED: Software Development, Application Design, Quality Assurance, Project Management

TEAM: Backend Developers, QA Engineers, Project Manager/ Business Analyst

SCOPE: Development, Enhancement, Maintenance, IT infrastructure and Support

DURATION: 2+ year

TESTIMONIAL

Riverstone has been a valuable partner for Project Matrix offering us design, catalog management and software development services. What stands out is their attention to detail and their responsiveness. They are always willing to step up to any challenge and then work diligently towards practical and holistic solutions. I would highly recommend them for enterprise software development and any related services.



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Commercial Furniture Specification

Design & Visualization Tool

Client: ProjectMatrix

Industry: Furniture

Website: <https://projectmatrix.com/>



ProjectMatrix provides software for the contract furniture industry with CAD-based design, specification and visualization as key features. These tools are used in AutoCAD, and Configura CET Designer for space planning, furniture pricing and creating orders.

BUSINESS CHALLENGE

The client wanted to develop customized features for their software such as:

- Reverse and restores any user action
- Provided detailed view of the product specification with 2D/3D graphical display
- Design components of various styles & pricing
- Ability to fetch furniture and related elements from the cloud

As the result, the tool must provide the ability to create detailed quoted, proposals and order-ready specifications

SOLUTION

- Riverstone team has developed an Undo/Redo feature to reverse and restore any user actions
- Built new spreadsheet features like price changes, part options, merge, joins, discounts, file expansion, insert, cut, copy, paste and delete.

KEY ACHIEVEMENTS

- Product specification tool for Commercial Furniture industry
- Software Development & Support for enterprise application
- Implementation of complex features in the tool
- Reducing the number of bugs reported by 35%
- Increased application performance by 85%

- Refactoring existing source code to enhance code architecture and improve performance by 85%
- Integration with third-party libraries and APIs

DISTINCTIVE FEATURES

- Support for specification, quotes & ordering
- CAD-based visual design & sales tool
- Manufacturers' catalog manager
- Project furniture symbols
- Visualization support

RESULTS

Post-development users can check the viability of their space planning design instantly and create detailed quote, proposals and order-ready bill-of-material for every project. With improved features and performance, ProjectMatrix is now attracting more users and manufacturers to their platform.