Background

ATCO focuses on quality inspection for automotive suppliers. ATCOQRS was designed to ease the communication barrier between Quality Engineers and Production Line Workers. The mobile application alerts Quality Managers about new tickets created while the web application allows for notification customization and data analysis.

Technical Approach and Results

ATCOQRS is going to be implemented into the Atco headquarters and also be proposed to other quality inspection companies.

Integration will require reworking the mobile and web application to interact with the Atco systems.

Commercialization Plan & Partners

The product was developed for Atco Industries to use and distribute to other quality inspection companies.

If Atco Industries determines that the application meets all requirements and standards, they will continue to implement the software as an enterprise grade software solution.

Objectives

• The application must react in real-time
• Mobile app alerts users about newly created tickets
• The web app allows for the ability to group users for mobile and email notifications
• Quality Managers can view and change information about all tickets in the form of charts and tables

Next Steps for Development and Test

• Xamarin Android / C#
• Microsoft Azure
• ASP.NET
• MySQL
• Google Play Location Services

References

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