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11/14/2025

CS 410

Lab1: Individual Introduction Submission

The primary method that businesses have traditionally used to handle invoice processing has been to do so manually. Studies show that as many as 86% of companies in the US still use this method (*You're Losing Money*, 2024). As with anything that requires attention to detail, manual processing is prone to excessive labor hours and has a high error rate. These lead to high costs that can range from \$12 to \$40 per invoice (*AI Invoice Processing Benchmarks*, 2025). In addition, staffing limitations create backlogs and hinder the business's ability to scale.

Automating invoice processing is an alternative method that has come into the picture in recent years. Invoice processing automation has the promise of improving accuracy, reliability, and efficiency through reducing the workload of the already strained AP employees. This has the potential to cut costs in half (*AI Invoice Processing Benchmarks*, 2025). It can also increase scalability of these businesses by giving them the ability to take on more clients.

Currently, there are a few options that offer automation on the market. Though, as was found through a case study with ADS, they present challenges with integrating into existing software systems within the company, as well as creating concerns for maintaining DoD compliance.

Our solution, AI², offers a DoD compliant system that can be tailored to adapt to companies like ADS and their existing software systems. Utilizing automated invoice intaking and a smart matching engine, AI² presents transparency and adaptability in addition to the improved accuracy, reliability, scalability, and efficiency that other existing AP products make available.

AI²'s inclusion of artificial intelligence will allow it to learn each company's specific processing needs and it will adapt to meet them.

References:

AI Invoice Processing Benchmarks 2025 - Accuracy, Speed, And Cost Comparison. (2025, September 9). Parseur. Retrieved November 14, 2025 from <https://parseur.com/blog/ai-invoice-processing-benchmarks>

You're Losing Money on Manual Invoice Processing! Here's A Solution. (2024, February 3). TRG. <https://trginternational.com/blog/manual-invoice-processing-solution/>