

Question Counters



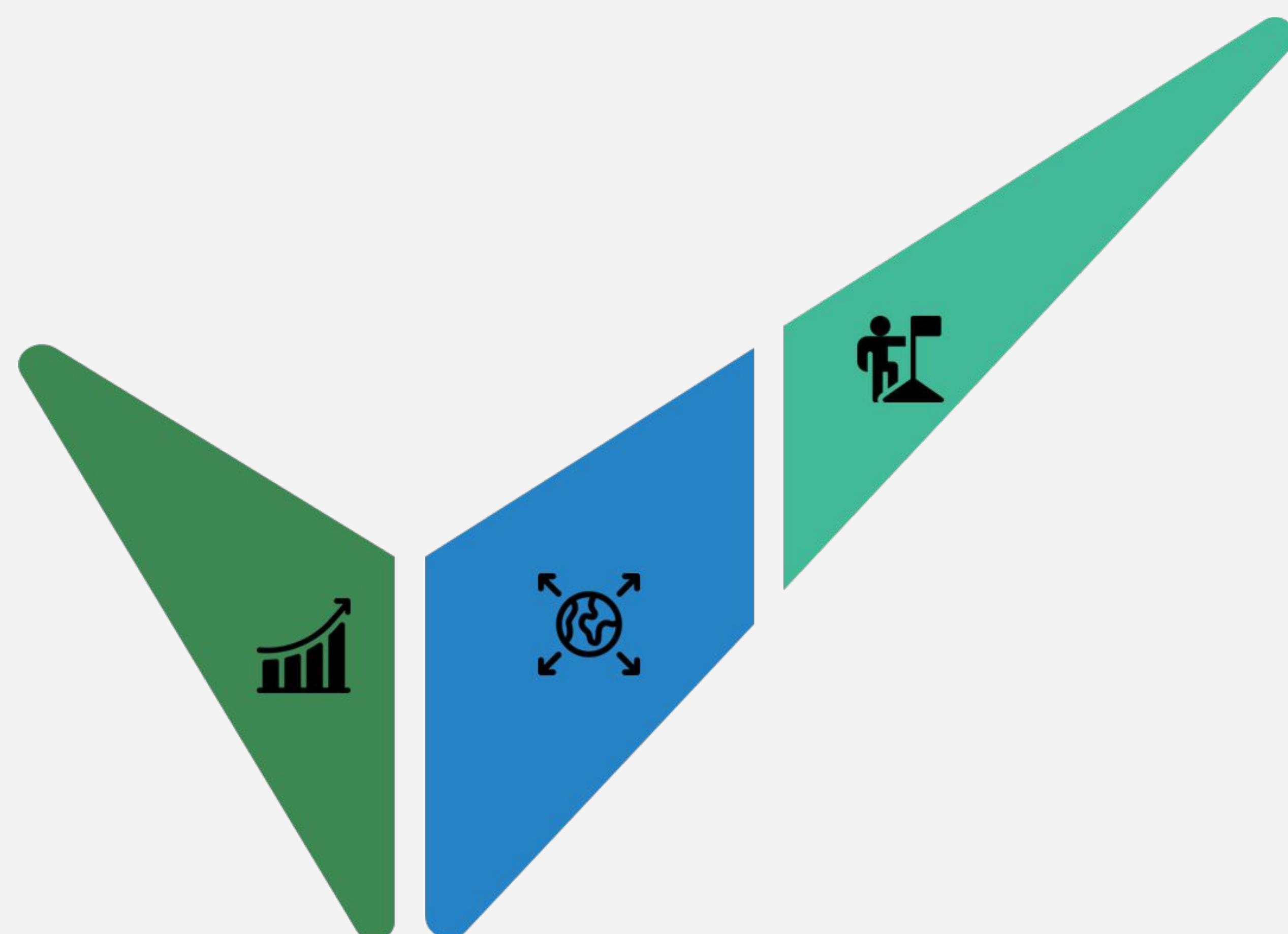
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Motivation For Project Selection



Improve the way of handling business

Impactful for the future

Challenging to accomplish

Business Process Automation

Problem Background

A boat storage company runs a lot of daily manual processes in order to invoice its customers. It is a long process that requires a lot of steps and communication between employees. The company uses applications including DocuSign, QuickBooks and Excel. Our goal is to improve the efficiency of their manual process involving customer contracts and billing.

Video Presentation QR Code



Boat Storage Location



Outcomes

- Reduced the time it takes for the customer to receive their bills after they sign their contract
- Minimized the errors that occur throughout the process
- Reduced the manual workload and attention needed for contract process
- Saved money for the company by using a custom, no-cost automated solution

Challenges

- Integrating DocuSign with Postgres
 - Manipulating contract information to load into DBMS
- Creating a fully functional database using Postgres
 - Designing database to efficiently store and retrieve
 - Maintaining up-to-date information
- Integrating QuickBooks with Postgres
 - Creating new customers' information in Quickbooks based on the data in Postgres
 - Running automation with two-factor authentication

Our Automation Solution

