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Capstone 2 Step 2: Project Proposal

EasyRFQ App

January 21, 2025

My Capstone 2 Project will be an app that handles Request for Quotes (RFQs) and transforms them into Quotes to customers.

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| **Stack:** | I will use React and Node/Express for this Capstone project. I will use Postgres to initially hold the data for my tables locally and then transfer the responsibility to SupaBase. This will be a full stack project, evenly focused. |

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| **Type:** | I would like this project to function as a website. This a business app and users would use this application on their laptop or computer. |

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| **Goal:** | The goal of this project will be to have a functioning app that allows a user to:   * Create an initial RFQ with information such as customer, and item(s) and quantity(s) requested. * After the user has sourced the cost from a supplier, the system will find the associated fee or markup and apply it to the cost. * The user should be able to create a quote from the RFQ. * The user can email the quote to the customer through a button. |

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| **Users:** | The app demographic will include users who are in businesses that require them to provide quotes to their customers. Sales professionals who want an easier way to make a quote outside of simple emails and excel. |

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| **Data:** | I will create my own database and schema that will contain tables for  (subject to change)   * User   + Name   + Email   + Phone# * Item Maintenance   + Item#   + Description   + UOM   + Price   + Cost * Customer Maintenance   + Customer Code   + Customer Name * RFQ Entry   + RFQ#   + Customer Code   + ItemMain ID# * Quote Entry   + Quote#   + RFQ# * Markup Structure   + Markup   + Customer Code |