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BusiTrack Proposal

CSC490 Senior Capstone

Description

It will be a web application that helps business owners manage their businesses, the process can also be managed through text messaging. Many individuals prefer texting as the main type of communication, so having an application that can also be managed through text will greatly increase its usability. The owner is able to sign up and add their business through the web app, then a message through to the provided phone number will respond to verify. The owner can either use the web app or if in a hurry can text commands. The web app will be able to take the business's daily expenses and gains, and show the monthly or yearly profit/loss.

Architecture

Following the MVC architecture, there are two views, a text message view, and a desktop view. The text message view will be the phone's text message interface. The desktop view will contain the web app in a browser. Each view will interact with our AWS web server via controllers and the web server interacts with the database via another controller.

This project is expected to use the following:

HTML
Python
Javascript
CSS
AWS Lambda
AWS EC2
Twilio
MongoDB

Member Task

- Jaron - Front-end Website
- Brandon - Back-end Website
- Wahab - Back-end Phone connection
- Avery - Database Handling
- Jared - Back-end for Phone and Web