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CST – 391 Javascript Web Application Development

“Biblical Bestiary”

Professor Bobby Estey

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Milestone 1

Overview

The goal of CST-391’s Milestone project is to build two near-identical applications to be run on Express- one through React and another through Angular. The applications themselves should be designed to support a product, integrate REST API’s. and simulate CRUD operations. It is also suggested that we attempt to use a theme befitting of the Christian worldview.

Introduction

To fulfil the requirements of this class project, I’ve decided to create two similar biblical bestiary applications using React and Angular to be run using Express. A bestiary is defined as “a collection of descriptions or representations of real or imaginary animals.” (Webster, n.d.) In this case, I am creating the kind of bestiaries often found in RPG video games such as Final Fantasy. This application will support a creature class as the product. The creature class will have variables such as a “description” string, a “health” int, an “attack” int, a “defense” int, and a “unique” boolean. An example of a biblical creature in the creature class would be:

Leviathan

* Description – A massive sea serpent with a seemingly unending amount of teeth, believed by some to have possibly been the possessed serpent in the Garden of Eden
* Health – 999999
* Attack – 280
* Defense – 500
* Unique – true

Functionality

As a user, I want to be able to view a product list, read product details, and simulate CRUD functions using both applications.

Initial Database Design/UML Design

A screenshot of a computer

Description automatically generated

Initial UI/Wiremap Designs

A diagram of a computer

Description automatically generated

Risks

n/a

Notes

I know you said to switch to markup but I didn’t have enough time to figure that out right now. I’ve been focusing on this and Activity 1 throughout yesterday and today but it’s been a bit chaotic due to Christmas being so close. I’m also a nursing mother to a 2 month old daughter which has been time consuming on its own. I promise I’ll get that figured out quickly over Christmas break. Now I know to take some time to get started on these sooner in the week too.