FULL STACK WEBSTIE

FOR A CHURCH

ABSTRACT

This document is subject to change in the future for different versions. This document will detail the ins and outs of the website that will be created.

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Full Stack Development – CEN 4930

Description:

Pern stack website that will double as a regular website that people can visit with no account and do regular things, but also, they can create an account, donate and then view their donations, as well as request all donation information so that they can use it for tax returns.

Functionality/ User Stories:

1. **User Story**: As a church member, I want to Register for an account, so that I can access the secure donation platform, I want to be able to register with my name, email address, and a password.
   a. Methodology: Post
   b. Data Needed: Full name, email, password.
2. **User Story**: As a church member, I want to log into my account, using my email address and password so I can access my account.
   a. Methodology: Post
   b. Data Needed: email, password.
3. **User Story**: As a church member, I want to view my donations, so I can see how much I have donated in total for tax cuts.
   a. Methodology: Get
   b. Data Needed: Donation Amount, date.
   c. How to DO: get the unique userId and username associated with the account, it is a foreign key in the donations table which can be used to inner join and get the donation amount linked with the person's account.
4. **User Story**: As a church member, I want access to contact church administrators, so that I can have my questions answered.
   a. Methodology: Get
   b. Data Needed: all administrations names, position, email, phone #'s.
   c. Example: Carlos Ramos, Deacon, carlosramos@gmail.com, 239-111-1111
   d. How to do: Write an SQL statement that returns the name, email, and phone number in the employee's table that is associated with the Deacon and administrator tuple.
5. **User Story**: As a church member, I want to view church announcements, so that I can attend church events.
   a. Methodology: Get / Put
   b. Data Needed: gets a weekly updated announcement that discusses events going on. Put method is used every week to update said announcement.
   c. How to do: get the date and if the date corresponded with certain events that have been scheduled throughout the year, update the page. Ex: when it's December 1st, update web pages to predesigned Christmas theme and announcements.

Current Stack:

- Node: Server Environment
- React: Front End
- Express: Backend
- Postgres: Database

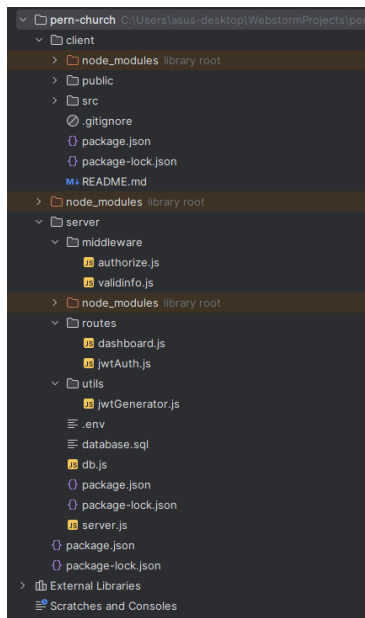Start project and Terminal commands to install in project list:

- mkdir server (create folder named server) (use cd server to get in it)
- npm init -y (initialize project)
- npm i express cors pg jsonwebtoken bcrypt (installs frameworks and libs)
- create extension if not exists "uuid-ossp";
  - (For PSQL – C:\ProgramFiles\PostgreSQL\[version]\bin)
    - Allows for use of the function -- uuid DEFAULT uuid_generate_v4()
- npm i dotenv
- npx create-react-app [project]
- npm i react-router-dom react-toastify

Code and files

My code will be on GitHub as a zip file and sent on canvas also as a zip file.
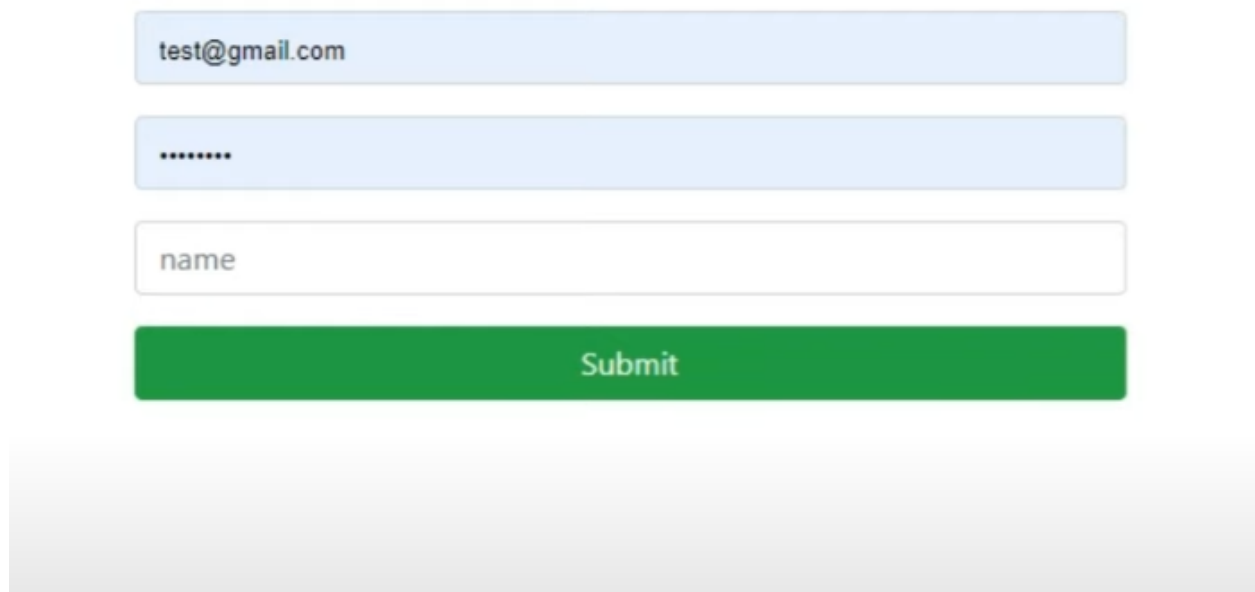
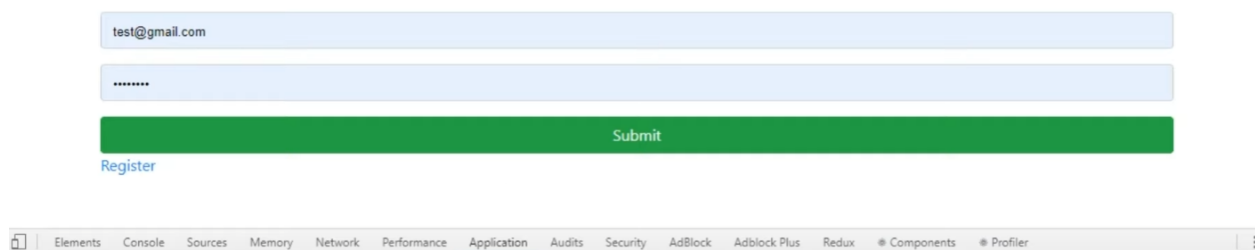But for reader purposes here is the layout

Link to Github: https://github.com/GioMonci/Full-Stack-Church-Website

How the website looks so far

ERRORS (NEED FIX / ASK PROF)

At first my website was working completely fine, but every time I would install or do anything with npm it would tell me that there were vulnerabilities, and I could fix them with npm audit fix –force. This then broke my react app because now I get these errors. I tried to fix them but to no avail.

```
webpack compiled with 3 errors and 1 warning
One of your dependencies, babel-preset-react-app, is importing the
"@babel/plugin-proposal-private-property-in-object" package without
declaring it in its dependencies. This is currently working because
"@babel/plugin-proposal-private-property-in-object" is already in your
node_modules folder for unrelated reasons, but it may break at any time.

babel-preset-react-app is part of the create-react-app project, which
is not maintianed anymore. It is thus unlikely that this bug will
ever be fixed. Add "@babel/plugin-proposal-private-property-in-object" to
your devDependencies to work around this error. This will make this message
go away.
```

```
Attempted import error: 'Switch' is not exported from 'react-router-dom' (imported as 'Switch').
ERROR in ./src/App.js 44:39-45
export 'Switch' (imported as 'Switch') was not found in 'react-router-dom' (possible exports: AbortedDeferredError, Await, BrowserRouter, Form, HashRouter, Link, MemoryRouter, NavLink, Navigate, NavigationType, Outlet, Route, Router, RouterProvider, Routes, ScrollRestoration, UNSAFE_DataRouterStateContext, UNSAFE_LocationContext, UNSAFE_NavigationContext, UNSAFE_RouteContext, UNSAFE_useRouteId, UNSAFE_useScrollRestoration, createBrowserRouter, createHashRouter, createMemoryRouter, createPath, createRoutesFromChildren, createRoutesFromElements, createSearchP
isRouteErrorResponse, json, matchPath, matchRoutes, parsePath, redirect, redirectDocument, renderMatches, resolvePath, unstable_HistoryRouter, unstable_useBlocker, unstable_usePrompt, useActionData, useAsyncError, useAsyncValue, useBeforeUnload, useFetcher, useFetchers, useFormAc
ontext, useLinkClickHandler, useLoaderData, useLocation, useMatch, useMatches, useNavigate, useNavigation, useNavigationType, useOutlet, useOutletContext, useParams, useResolvedPath, useRevalidator, useRouteError, useRouteLoaderData, useRoutes, useSearchParams, useSubmit)

ERROR in ./src/App.js 55:44-52
export 'Redirect' (imported as 'Redirect') was not found in 'react-router-dom' (possible exports: AbortedDeferredError, Await, BrowserRouter, Form, HashRouter, Link, MemoryRouter, NavLink, Navigate, NavigationType, Outlet, Route, Router, RouterProvider, Routes, ScrollRestoration,
NSAFE_DataRouterStateContext, UNSAFE_LocationContext, UNSAFE_NavigationContext, UNSAFE_RouteContext, UNSAFE_useRouteId, UNSAFE_useScrollRestoration, createBrowserRouter, createHashRouter, createMemoryRouter, createPath, createRoutesFromChildren, createRoutesFromElements, createSe
ath, isRouteErrorResponse, json, matchPath, matchRoutes, parsePath, redirect, redirectDocument, renderMatches, resolvePath, unstable_HistoryRouter, unstable_useBlocker, unstable_usePrompt, useActionData, useAsyncError, useAsyncValue, useBeforeUnload, useFetcher, useFetchers, useFo
terContext, useLinkClickHandler, useLoaderData, useLocation, useMatch, useMatches, useNavigate, useNavigation, useNavigationType, useOutlet, useOutletContext, useParams, useResolvedPath, useRevalidator, useRouteError, useRouteLoaderData, useRoutes, useSearchParams, useSubmit)

ERROR in ./src/App.js 76:44-52
export 'Redirect' (imported as 'Redirect') was not found in 'react-router-dom' (possible exports: AbortedDeferredError, Await, BrowserRouter, Form, HashRouter, Link, MemoryRouter, NavLink, Navigate, NavigationType, Outlet, Route, Router, RouterProvider, Routes, ScrollRestoration,
NSAFE_DataRouterStateContext, UNSAFE_LocationContext, UNSAFE_NavigationContext, UNSAFE_RouteContext, UNSAFE_useRouteId, UNSAFE_useScrollRestoration, createBrowserRouter, createHashRouter, createMemoryRouter, createPath, createRoutesFromChildren, createRoutesFromElements, createSe
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terContext, useLinkClickHandler, useLoaderData, useLocation, useMatch, useMatches, useNavigate, useNavigation, useNavigationType, useOutlet, useOutletContext, useParams, useResolvedPath, useRevalidator, useRouteError, useRouteLoaderData, useRoutes, useSearchParams, useSubmit)

webpack compiled with 4 errors
```

Compiled with problems:

ERROR in ./src/App.js 65:44-52

export 'default' (imported as 'Redirect') was not found in 'react-router' (possible exports: AbortedDeferredError, Await, MemoryRouter, Navigate, NavigationType, Outlet, Route, Router, RouterProvider, Routes, UNSAFE_DataRouterContext, UNSAFE_DataRouterStateContext, UNSAFE_LocationContext, UNSAFE_NavigationContext, UNSAFE_RouteContext, UNSAFE_mapRouteProperties, UNSAFE_useRouteId, UNSAFE_useRoutesImpl, createMemoryRouter, createPath, createRoutesFromChildren, createRoutesFromElements, defer, generatePath, isRouteErrorResponse, json, matchPath, matchRoutes, parsePath, redirect, redirectDocument, renderMatches, resolvePath, unstable_useBlocker, useActionData, useAsyncError, useAsyncValue, useHref, useInRouterContext, useLoaderData, useLocation, useMatch, useMatches, useNavigate, useNavigation, useNavigationType, useOutlet, useOutletContext, useParams, useResolvedPath, useRevalidator, useRouteError, useRouteLoaderData, useRoutes)

ERROR in ./src/App.js 86:44-52

export 'default' (imported as 'Redirect') was not found in 'react-router' (possible exports: AbortedDeferredError, Await, MemoryRouter, Navigate, NavigationType, Outlet, Route, Router, RouterProvider, Routes, UNSAFE_DataRouterContext, UNSAFE_DataRouterStateContext, UNSAFE_LocationContext, UNSAFE_NavigationContext, UNSAFE_RouteContext, UNSAFE_mapRouteProperties, UNSAFE_useRouteId, UNSAFE_useRoutesImpl, createMemoryRouter, createPath, createRoutesFromChildren, createRoutesFromElements, defer, generatePath, isRouteErrorResponse, json, matchPath, matchRoutes, parsePath, redirect, redirectDocument, renderMatches, resolvePath, unstable_useBlocker, useActionData, useAsyncError, useAsyncValue, useHref, useInRouterContext, useLoaderData, useLocation, useMatch, useMatches, useNavigate, useNavigation, useNavigationType, useOutlet, useOutletContext, useParams, useResolvedPath, useRevalidator, useRouteError, useRouteLoaderData, useRoutes)

ERROR in ./src/App.js 107:44-52

export 'default' (imported as 'Redirect') was not found in 'react-router' (possible exports: AbortedDeferredError, Await, MemoryRouter, Navigate, NavigationType, Outlet, Route, Router, RouterProvider, Routes, UNSAFE_DataRouterContext, UNSAFE_DataRouterStateContext, UNSAFE_LocationContext, UNSAFE_NavigationContext, UNSAFE_RouteContext, UNSAFE_mapRouteProperties, UNSAFE_useRouteId, UNSAFE_useRoutesImpl, createMemoryRouter, createPath, createRoutesFromChildren, createRoutesFromElements, defer, generatePath, isRouteErrorResponse, json, matchPath, matchRoutes, parsePath, redirect, redirectDocument, renderMatches, resolvePath, unstable_useBlocker, useActionData, useAsyncError, useAsyncValue, useHref, useInRouterContext, useLoaderData, useLocation, useMatch, useMatches, useNavigate, useNavigation, useNavigationType, useOutlet, useOutletContext, useParams, useResolvedPath, useRevalidator, useRouteError, useRouteLoaderData, useRoutes)