W04: Final Project - Proposal

Overview –

This is a web application responsible for managing employees' data. The Human Resources professional will be able to insert new employee data, update existing data, and delete data. It will also be possible to sort employees' data in alphabetical order.

Audience –

Human Resources professionals and Human Resources Companies.

Major functions –

createAccount: Function responsible for making a POST request to create a user account.

updateAccount: Function responsible for making a PUT request to update a user account.

deleteAccount: Function responsible for making a DELETE request to delete a user account.

userLogin: Function responsible for making a POST request to process the user credentials.

insertEmployeeData: Function responsible for inserting employee data through a POST request.

getEmployeeDataByID: Function responsible for getting employee data by ID through a GET request.

getAllEmployeeData: Function responsible for getting all employees' data through a GET request.
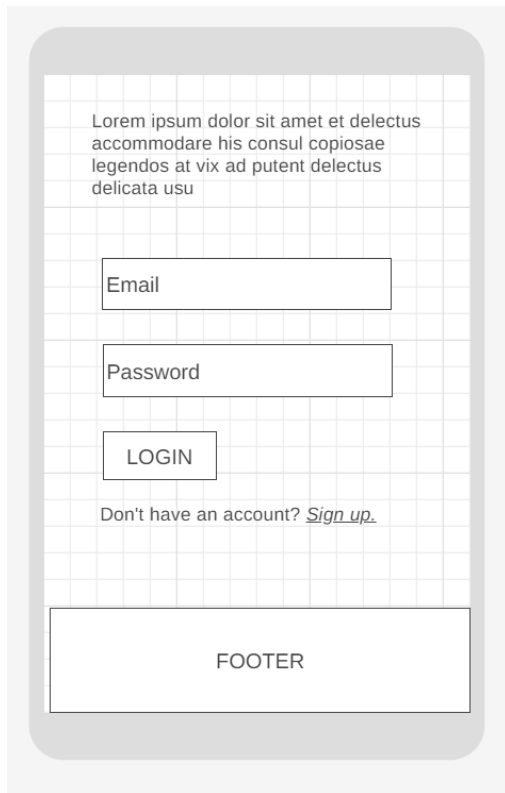
deleteEmployeeData: Function responsible for deleting employee data through a DELETE request.

updateEmployeeData: Function responsible for updating employee data through a PUT request.

sortEmployeesData: Function responsible for sorting employees data in alphabetical order.

Wireframes –

Mobile:

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Email

Password

LOGIN
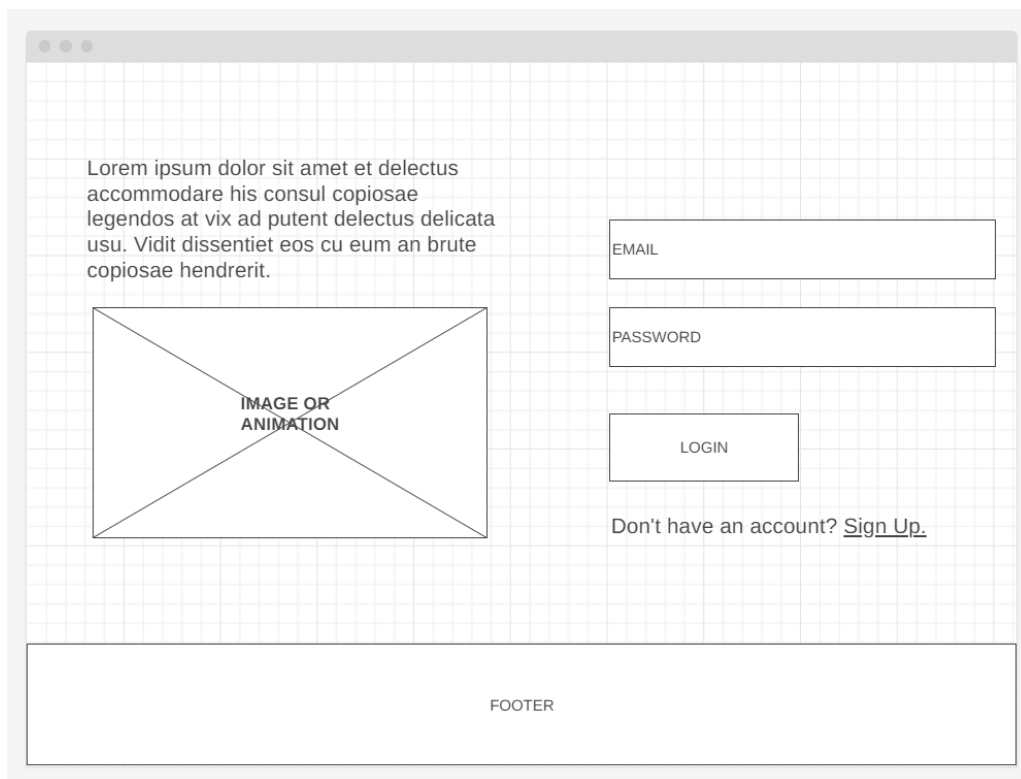
Don't have an account? *Sign up.*

FOOTER

Desktop:

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IMAGE OR ANIMATION

EMAIL
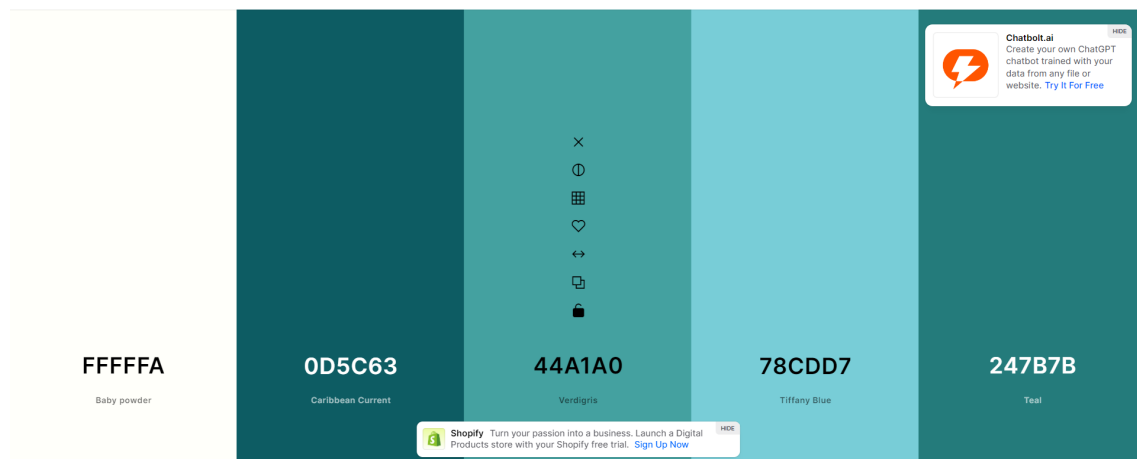
PASSWORD

LOGIN

Don't have an account? Sign Up.

FOOTER

Datasource (External API) –

https://cse341project2-bkgg.onrender.com/

Initial Module List –

RenderHomePage.mjs; EmployeeDetail.mjs; EmployeesData.mjs;
RenderUpdateAccount.mjs;

Colors/Typography/specific element styling –

| FFFFFA | 0D5C63 | 44A1A0 | 78CDD7 | 247B7B |
| Baby powder | Caribbean Current | Verdigris | Tiffany Blue | Teal |

font-family: 'Montserrat', sans-serif;

Schedule –

Week 5: Build login, create an account, update the account process, and start employees' data manipulation pages and functions.

Week 6: Finish employees' data manipulation pages, and functions and check if everything is working very well (with no errors).

Trello Board –

https://trello.com/b/cXml2VwW/employee-data-system