

# Our Ocean-Life Contact Manager



# Our Group & Roles

- Tylon R. → API
- Jovanny V. → API
- Nehito D. → Front-End
- Andy N. → Front-End
- Colin K. → Database
- Juwel B. → Project Manager



# Agenda

- ✓ Technology Used
- ✓ Things that went well
- ✓ Things that didn't go well
- ✓ GANTT & ERD
- ✓ Case Diagram
- ✓ Testing API Endpoints w/ SwaggerHub
- ✓ Front-End Features
- ✓ Live Demo
- ✓ Questions

# Technology Used

L.A.M.P. →

- **Linux:** Our Operating System for Server
- **Apache:** Web Software to handle HTTP requests
- **MySQL:** Database Management for Storing User & Contact info
- **PHP:** Server-Side Language for Backend of the Application



# Technology Used

## Hosting & Collaboration →



- Digital Ocean:

Operating system to deploy our Web App on a remote server.

- GoDaddy:

Used for Domain Name Registration with Digital Ocean's IP.

- GitHub:

Helps manage codebase efficiently and work on different features simultaneously.



# Technology Used

## Dev & Design Tools →



- Postman:

Used for Testing API Endpoints before Integrating into App.

- Bootstrap:

Creating a Professional Interface to help with FE Development.

- Google Lighthouse:

Used to help audit the accessibility of our web app.



More About SwaggerHub and Google Lighthouse later in the presentation →

# Things That Went Well

- Database
- Time Management
- CSS
- Layout of Page
- Collaboration

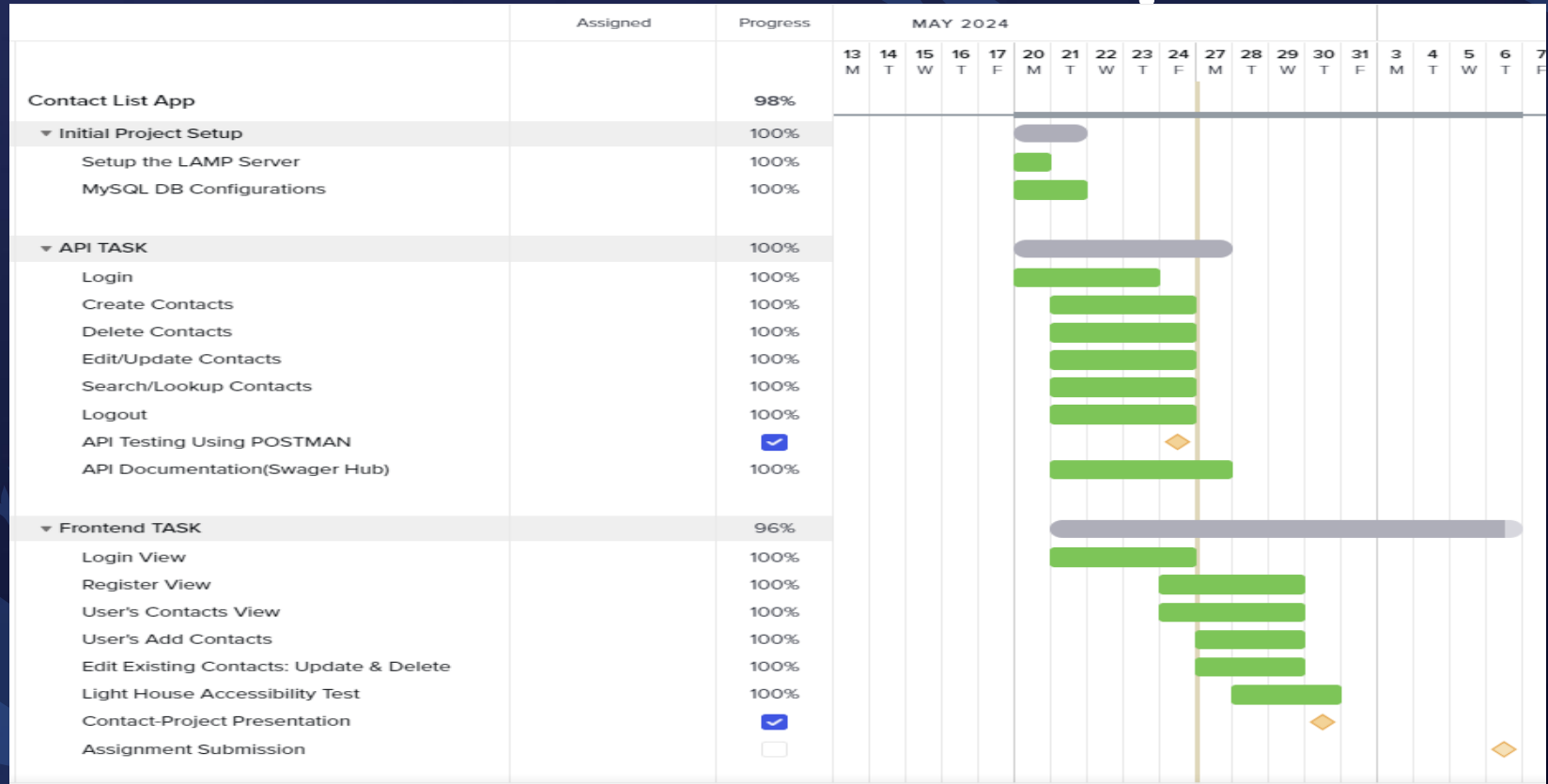
# Things That Didn't Go Well

(And how we fixed them)

- **Cookies (userID)** → Issue w/ Reading JS File  
Fix: Formatting Issue within Contacts.html
- **Accessibility** → Issue w/ Color Contrast & Labels  
Fix: Adjusting Color Palette accordingly and adding proper labels for Lighthouse to view
- **Signup Page** → Issue w/ Event Listener on Login  
Fix: Separated Event Listener from Login Page w/ new file
- **Search** → Issue w/ Loading All Contacts Regardless of User  
Fix: Adjust Input Field for API for Code.js  
(loadContacts function)

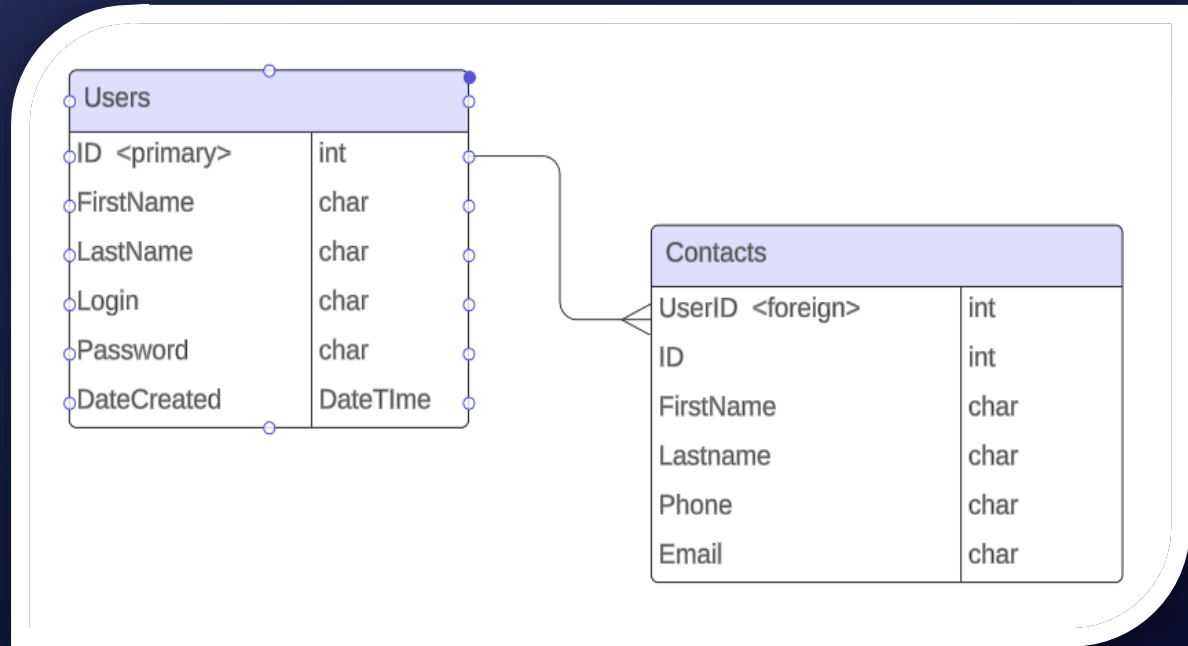


# Our GANTT Chart

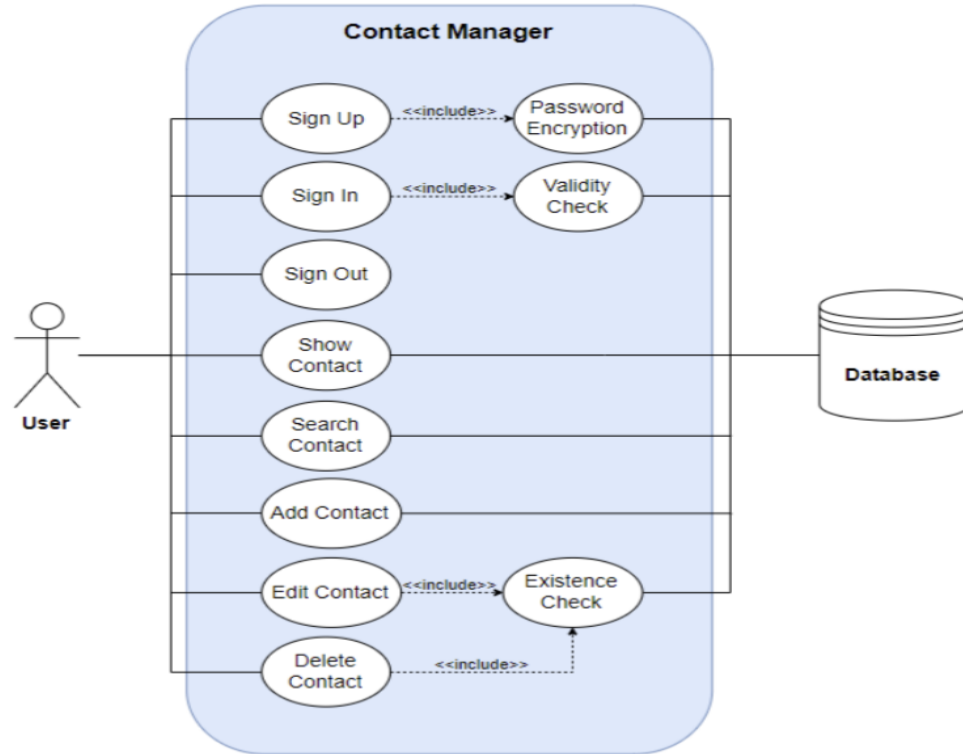


# Our ERD

- Visualizes relationship between Users & Colors Tables in SQL Database.
- Linked with the ID Attribute, which is the primary key of the Users Table.
- Linked with the ID Attribute, which is the primary key of the Users Table.



# Case Diagram



# API Testing w/ SwaggerHub

Click Here



Just In Case

[https://app.swaggerhub.com/apis/RONDOIS/BOSS1000\\_1/OceanLifeContactManager/1.0.0](https://app.swaggerhub.com/apis/RONDOIS/BOSS1000_1/OceanLifeContactManager/1.0.0)

# Color Palette

## Color Palette Through Each Page



#fff → #e0f7fa → #307EA6 → #0288d1 → #0277bd → #02598c → #014f79

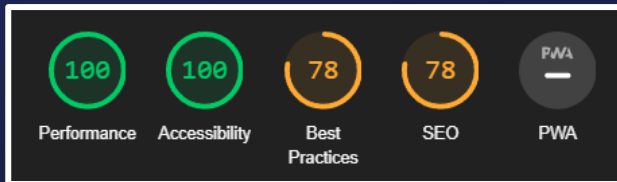
## Main Color Palette



#e0f7fa → #0288d1 → #02598c

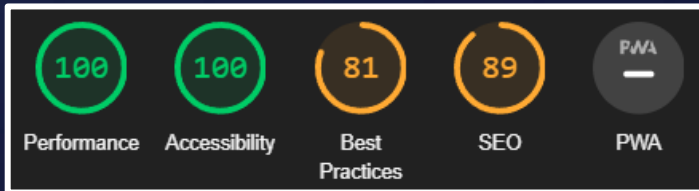
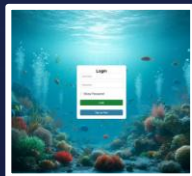
# Accessibility Testing w/ Lighthouse

Home Page:

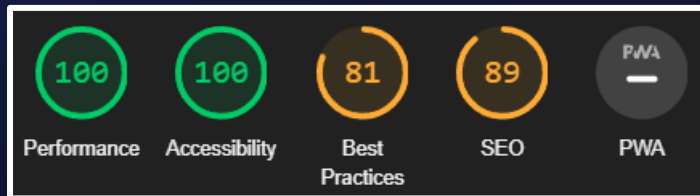


**\*\*We'll do a test of this with the Live Demo\*\***

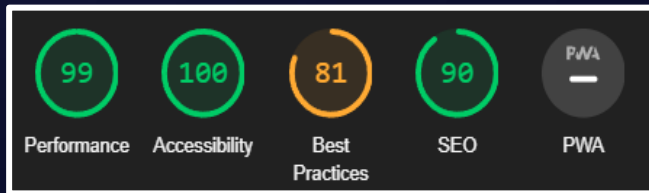
Login Page:



Signup Page:



Contacts Page:



# Time For the Live Demo!



## Agenda for Demo:

- Signup
- Login w/ New Info
- Add Contact
- Search Contact (Partial)
- Accessibility



Any Questions?