SUNSET SOFTWARE

www.4331g8.xyz

SANTIAGO ALVAREZ

HUU CAO

DANIEL FOSTER

JOHN FRANCIS KENNEDY

ELAINE NG

CHRISTOPHER STEPHENS

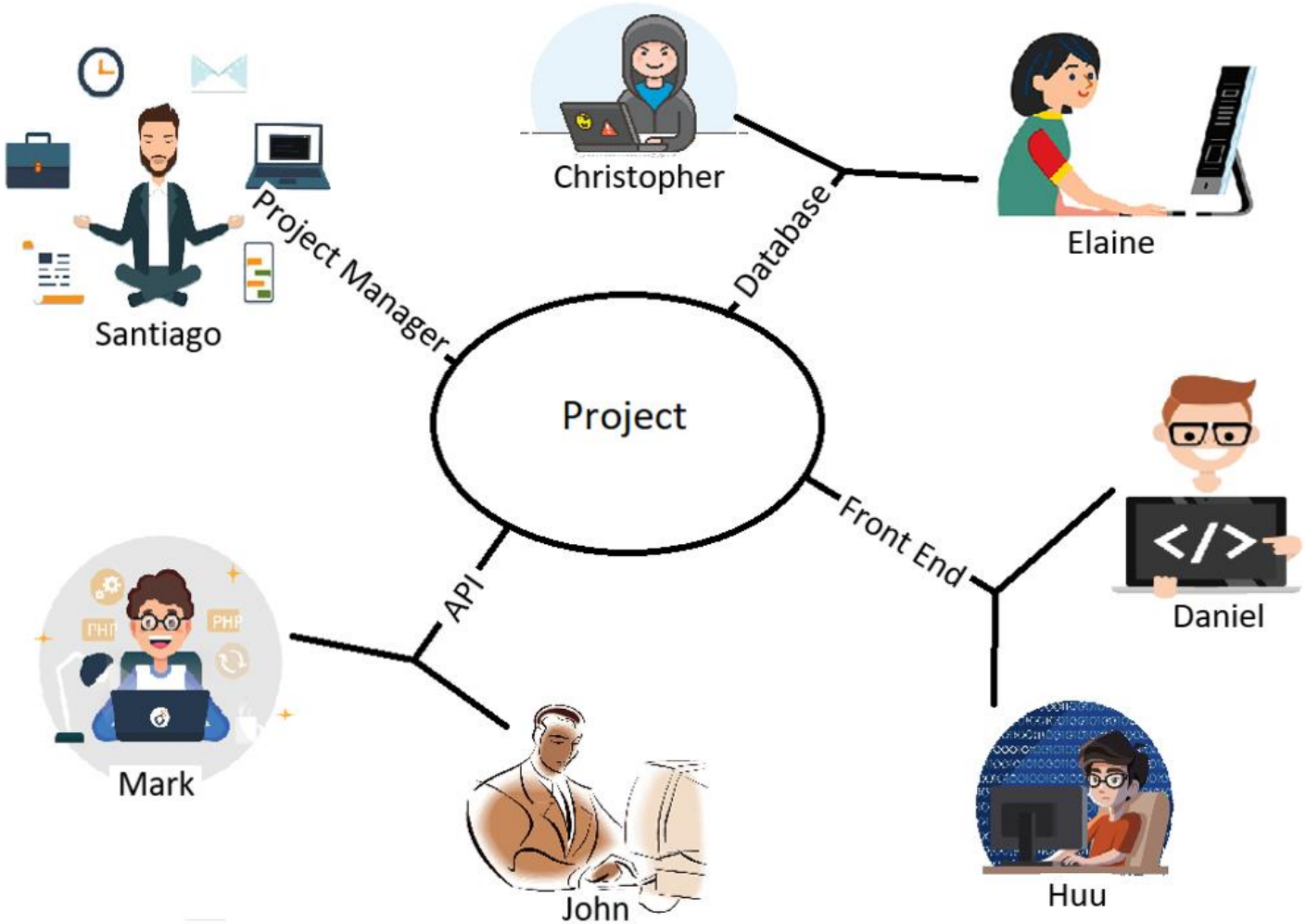
MARK FRITZ

TABLE OF CONTENTS

1. Team Members and Their Roles
2. Technology Used
3. Things that went well
4. Things that did not go well
5. Gantt Chart
6. UML Diagrams:
   - Use Case Diagram
   - Sequence Diagram
   - ERD
7. Database & SQL Injections
8. API
9. Front-End
10. Demonstrations:
    - API
    - Website
11. Questions?

TEAM MEMBERS

- Project Manager:
  Santiago Alvarez
- Database:
  Elaine Ng
  Christopher Stephens
- API:
  John Francis Kennedy
  Mark Fritz
- Front End:
  (Design) Daniel Foster
  (JavaScript) Huu Cao



TECHNOLOGY

- Web Hosting Services:
  - Azure
  - GoDaddy
- Web Hosting Control Panel:
  - cPanel
- MySQL Database
- Repository:
  - GitHub
- Communication Tools:
  - E-mail
  - Discord
- Project Management Tools:
  - Trello
  - Team Gantt
- API Testing Tools:
  - ARC (Advanced Rest Client)
  - Postman

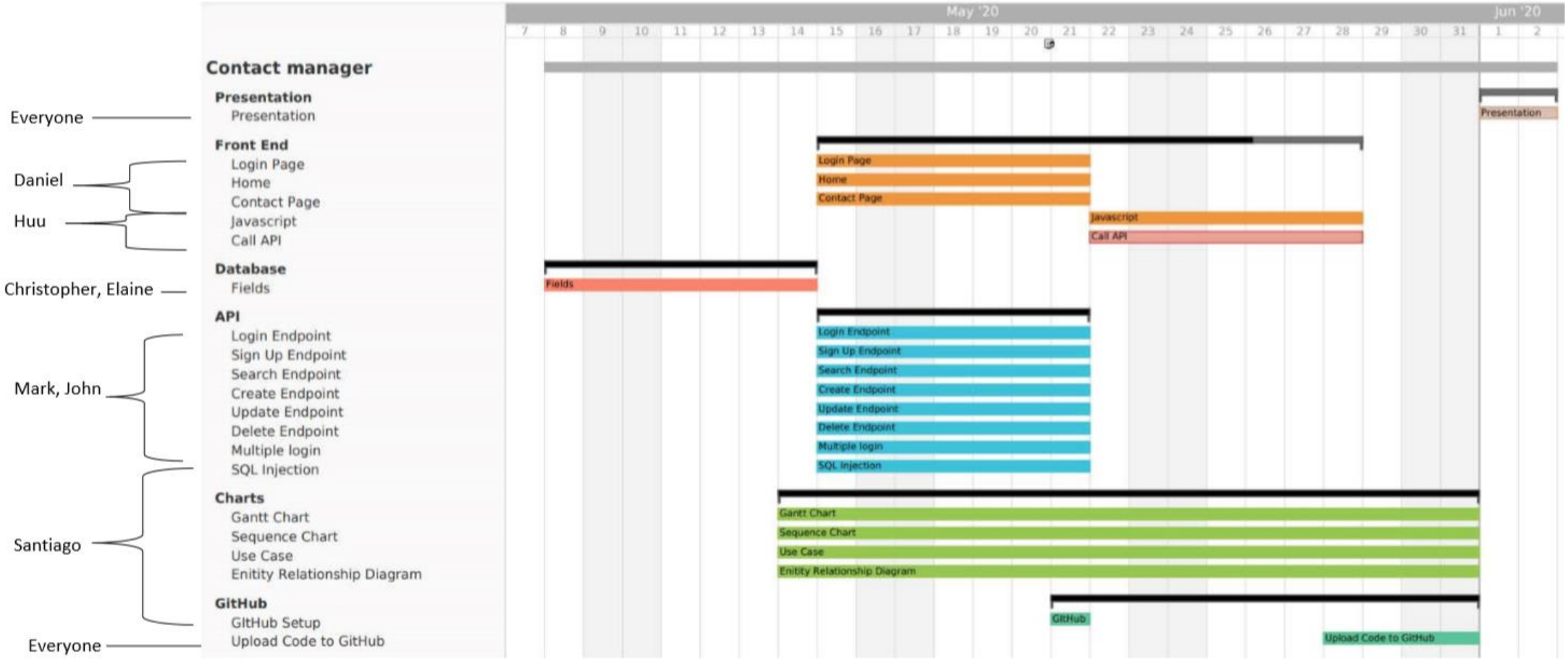
THINGS THAT WENT WELL

- Database Creation
- API Testing
- Communication:
  - Weekly Meetings
  - Attendance of all Members
  - Participations of all Members

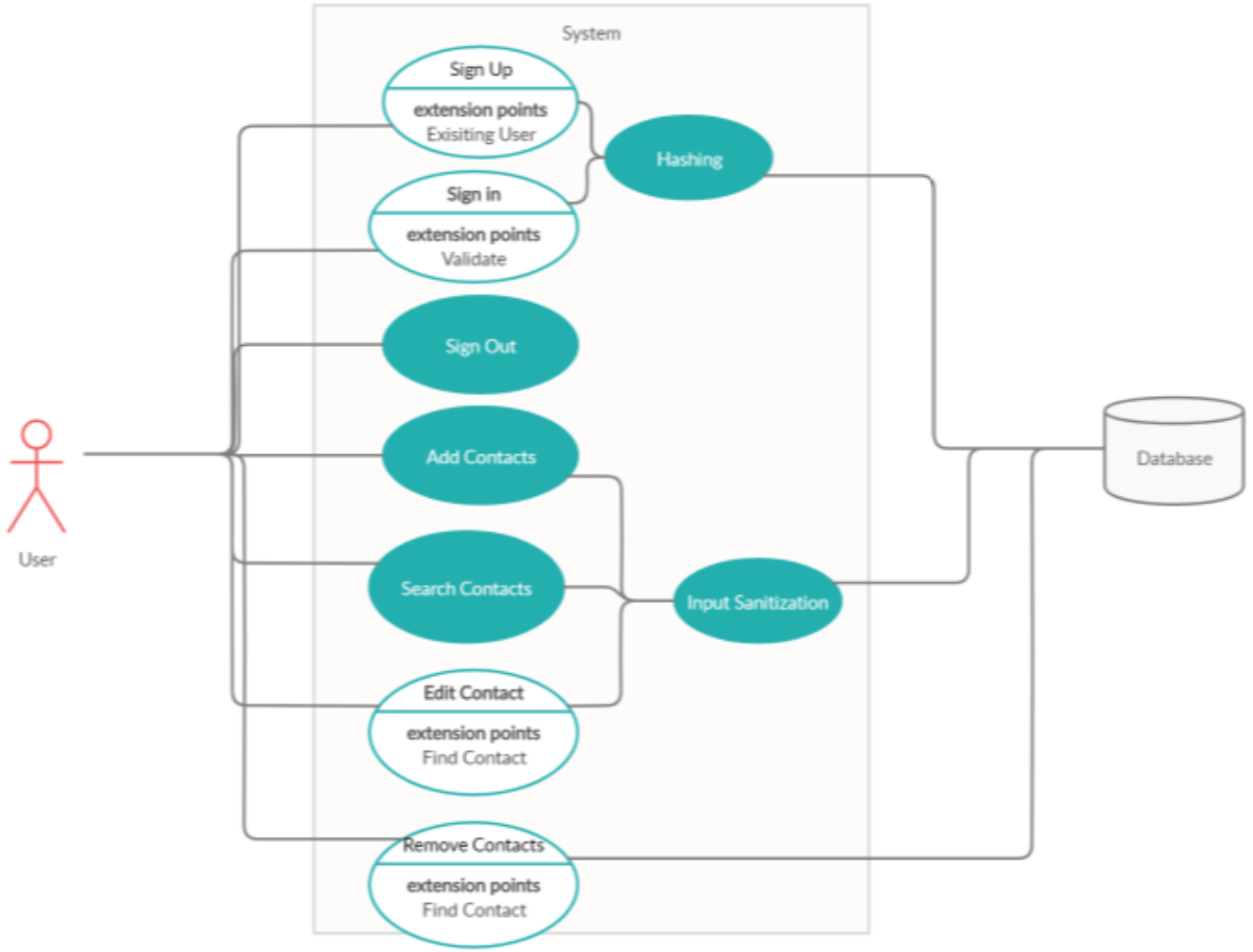
THINGS THAT DID NOT GO WELL

- Azure Difficulties:
  - Set Up
  - Complicated
  - Virtual Machine were Problematic
- GoDaddy Difficulties:
  - DNS not Set up Correctly
  - Domain Parked
- API Difficulties:
  - Search Endpoint

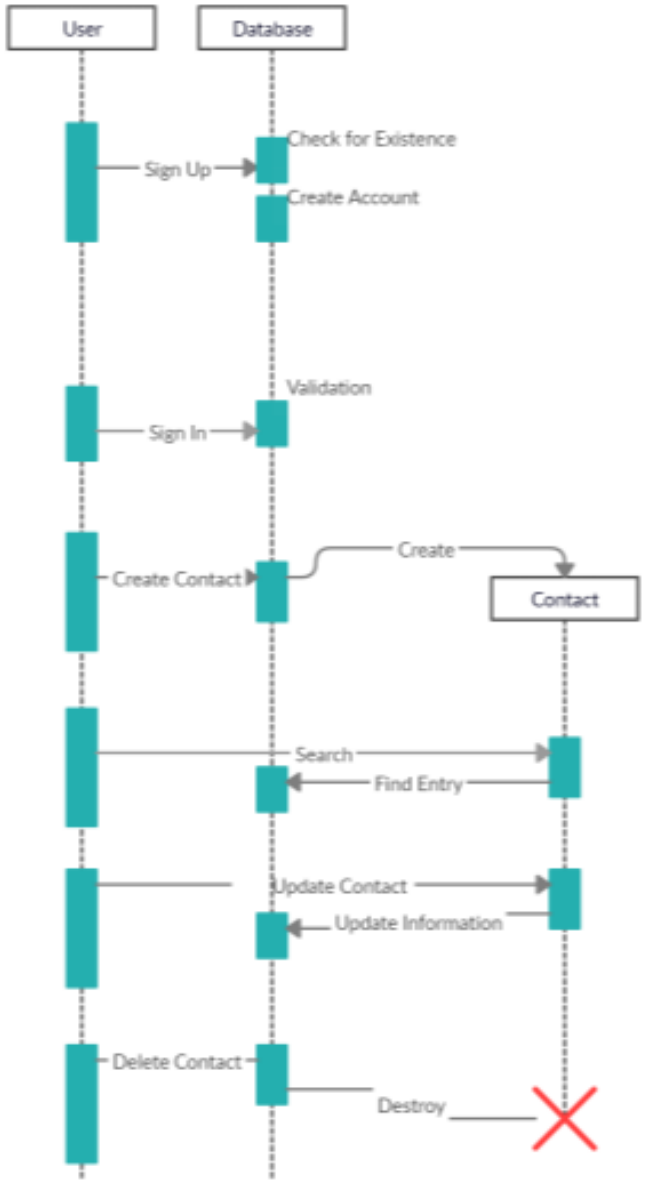
GANTT CHART


May '20
Jun '20
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2
Contact manager
Presentation
Presentation
Front End
Login Page
Home
Contact Page
Javascript
Call API
Database
Fields
API
Login Endpoint
Sign Up Endpoint
Search Endpoint
Create Endpoint
Update Endpoint
Delete Endpoint
Multiple login
SQL Injection
Charts
Gantt Chart
Sequence Chart
Use Case
Enitity Relationship Diagram
GitHub
GitHub Setup
Upload Code to GitHub
Everyone
Daniel
Huu
Christopher, Elaine
Mark, John
Santiago
Everyone

USE CASE DIAGRAM

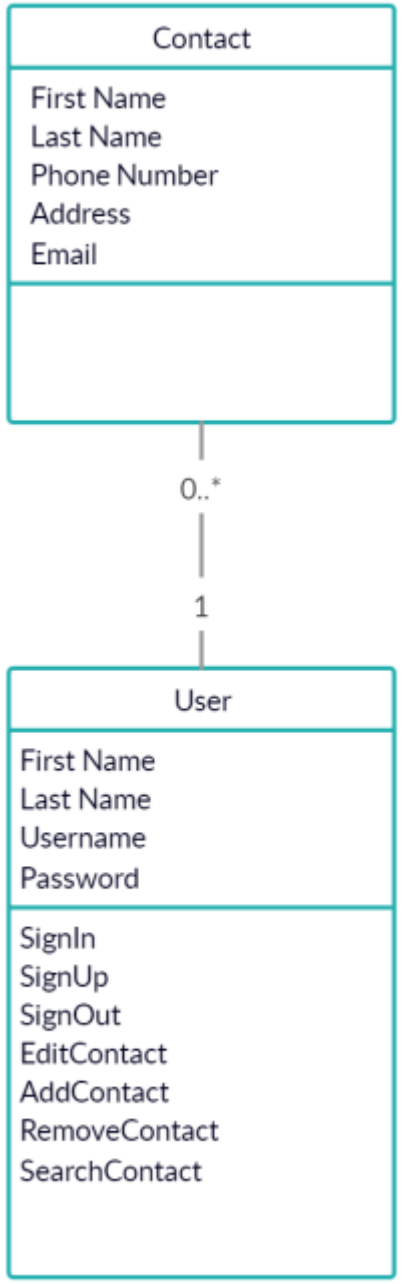


SEQUENCE DIAGRAM



ERD

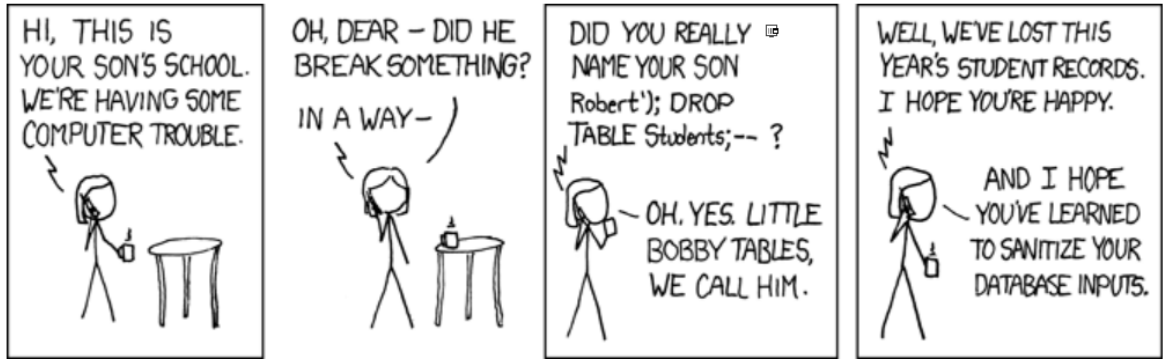
(ENTITY RELATIONSHIP DIAGRAM)



DATABASE & SQL INJECTIONS

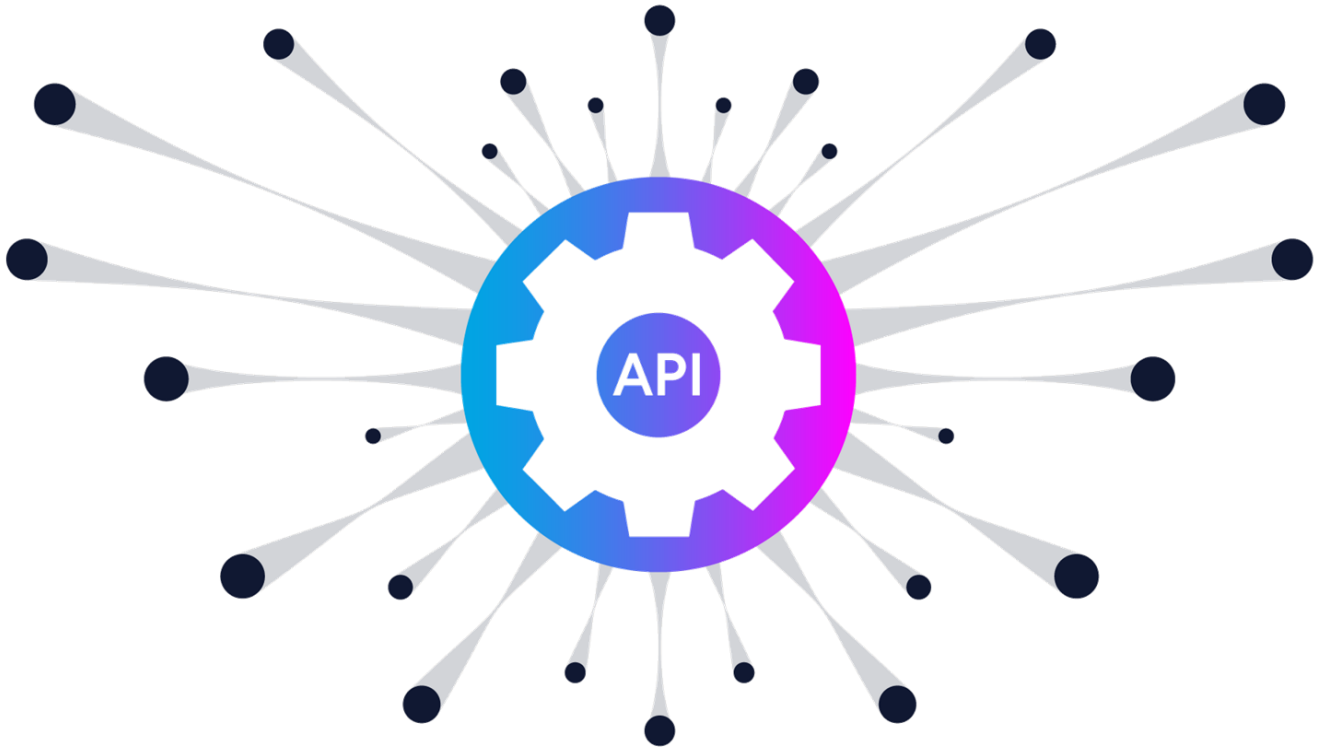
- Tables:
  - Users:
    - ID, First Name, Last Name, Login & Password
  - Contacts:
    - ID, User ID, First Name, Last Name, Phone, E-mail & Creation Date

- SQL Injection



API

- Programming Language:
  - Python → PHP
- Completion Time:
  - 4 Days
- API Testing:
  - ARC
  - Postman
- Endpoints:
  - Log In
  - Sign Up
  - Add Contact
  - Update Contact
  - Delete Contact
  - Search Contact



FRONT-END

- Front-End Design
  - Languages Used:
    - HTML
    - CSS
    - JavaScript
  - Website Style Consistency
  - Coordination with Other Team Members
  - Attempted Website Creation Tools:
    - WordPress
    - Bootstrap
- JavaScript
  - Call API
  - Front-End Function
  - Attempted JQuery

DEMONSTRATIONS

API Demonstration

Website Demonstration

QUESTIONS?