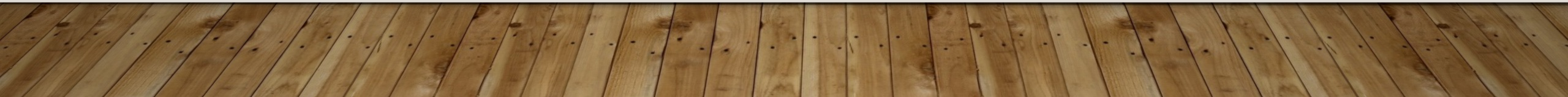# K & S SHELTER

HOME OF ALL BREEDS

PART A

- Design
  - Home Page
  - Dog Registration Page
  - Employee Registration Page
  - Report Page
- Styling of the site is done by some basic CSS
- Information is shown nicely in a table

PART A

- Functionalities
  - Adding,
  - Updating,
  - Searching, and
  - Deleting
- Technologies Used
  - Node Js
  - MySQL

PART A

- Communication
  - XMLHttpRequest
- Testing
  - Ran through all the functionalities on the website
  - Errors are prevented by implementing try-catch statements
  - Visual inspection
  - Examining the database in MySQL Workbench

NEW TECHNOLOGIES USED

- PHP & Apache
  - Front-end and Back-end Integration
  - Widely used in the industry (70% of the time)
  - Connection with Databases
  - Highly secure
  - More flexibility in the implementation (Scaling of the project)

IMPLEMENTATION WITH PHP

- 6 Page Implementation

- Login system

- Prevention of SQL Injection

- Hashing and Un-hashing (Simple encryption)

- User-friendly

- Combination of HTML & PHP code makes it easy to use

TESTING WITH XAMPP

- Application used to host local servers with PHP

- phpMyAdmin to create and inspect database