Javascript developer Task

1. **File and Folder Structure**
   a. **Data Folder:** This folder consists of files that store the json data for BigCat, BigFishs, and Dogs.
   b. **Public Folder:** This folder consists all the media files (i.e Images)
   c. **Script Folder:** This is folder consists of all the javascript files including the class files and the main script file.
   d. **Index.html**: This is the main HTML file where the project is structured.
   e. **Styles.css:** This file consists of all the styles applied to the project

2. **Scripts**
   a. **Animal.class.js:** This file the main structure of the project, this class is inherited by all other class this class consist of functions such as displayAnimals(), sortbyfield(), deleteanimal(), addanimal(), and updateanimal() while is inherited by all other child class which uses the methods based on the requirements.
   b. **BigCat.class.js, BigFish.class.js, dog.class.js:** This class inherits the animal class and has access to all the method of the parent class
   c. **Script.js: This** This is the main script which in included in the html file and is the starting point of the project. Here all the class object are created, dom element are given eventlisteners and the data from the json file is fetched using the fetch api. The project is under a IIFE(immediately invoked function expression) to make the project run immediately after started.