Architecture

For our database we chose to use Mongodb for the more convenient data storage due to users having to input different number of data values. At first, these were the schemas we chose to use in our database.

Fish
Angler: String
Time: Date/Time
DisplayTime: String
Species: String (non empty)
Size: number
Weight: number
Image: img

User
first_name: String (non empty)
last_name: String (non empty)
username: String (non empty)
password: String (non empty)

Later, when we were given extra categories of data for each individual fish, we had to change our original fish schema to the following.

Fish
Angler: String
Time: Date/Time
DisplayTime: String
Species: String (non empty)
Size: number
Weight: number
Image: img
Period: String
Weather: String
Location: String
Mates: String

User
first_name: String (non empty)
last_name: String (non empty)
username: String (non empty)
password: String (non empty)

Website Architecture Diagram