We used MongoDB to store our data and images. The only unusual aspect of this data storage was in the way we stored pictures - as you can see in the below UML diagram, their information is spread between fs.files and fs.chunks. This is because MongoDB needs to split large files such as photos into smaller chunks for storage. We used the gridfs store to automatically format these photos into files and chunks. If you are interested in how to add new photos to the database, see the #importantinformationforediting section of the ReadMe file. If you are interested in accessing photos from the database in the code, see the documentation entitled "Accessing Database Data in React"

UML diagram of the potato_powered database

users
_id: ObjectId
name: String
description: String
contact: Array
skills: Array
fullname: String

admins
_id: ObjectId
username: String
salt: String
hash: String
_v: Int32

personalprojects
_id: ObjectId
projectTitle: String
linktogitrepo: String
position: Int
description: String

fs.files
_id: ObjectId
length: Int32
chunkSize: Int32
uploadDate: Date
fileName: String
md5: String

1..*

fs.chunks
_id: ObjectId
files_id: ObjectId
n: Int32
data: Binary