C.A.R journal

Conflict, Action, Results

Conflict – Schema Design

-Schema design

Actions

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Results

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Conflict – Parsing Dates

After settling on a schema and moving forward to front-end work, I realized that mongoDB dates are stores in an ISOdate format which is read as a simple string in javascript. Due to this mismatch of datatypes, I could not compare the dates of my raw data and filter it to be useable in the frontend.

Actions – Parsing Dates

At first I tried to query by subdocument (due to my schema design, the dates were held within a 2nd layer of nesting, making them a subdocument of a subdocument) but quickly realized that MongoDB/Mongoose can only use subdocuments as conditions to query documents.

I then decided to take all the raw data and, in the front end, parse the strings of dates into useable javascript date objects. I would then filter the data by finding the indexes of the first and last dates specified by the user and only grab data from within those dates.