Tern

Scrum Co-Masters: Xavier & Tabitha

Description:

We are making a to-do list app. As a user you can create to-do list items. The user can view to-do list items and organize by priority. The user can mark the tasks as complete, edit, and delete the items. The user can view a list of your completed to-do items.
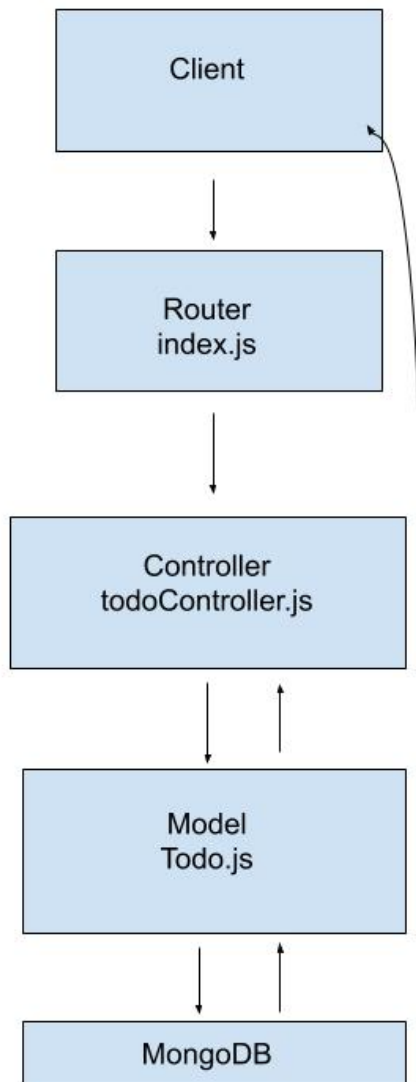
MVPs:

-As a user, I would like to add an item to my to do list
-As a user, I would like to add a body, priority, location and due date
-As a user, I would like to be able to mark a task as completed
-As a user, I would like to be able to see my completed tasks
-As a user, I would like to be able to sort my to-dos by priority
-As a user, I would like to delete a task
-As a user, I want to edit my tasks

Stretch:

-Sort by due date, created date, location, etc
-As a user, I want to be able to log in (have authentication)
-As a user I want to be able to search my to-do/completed lists
-As a user, I want to be able to star my to do
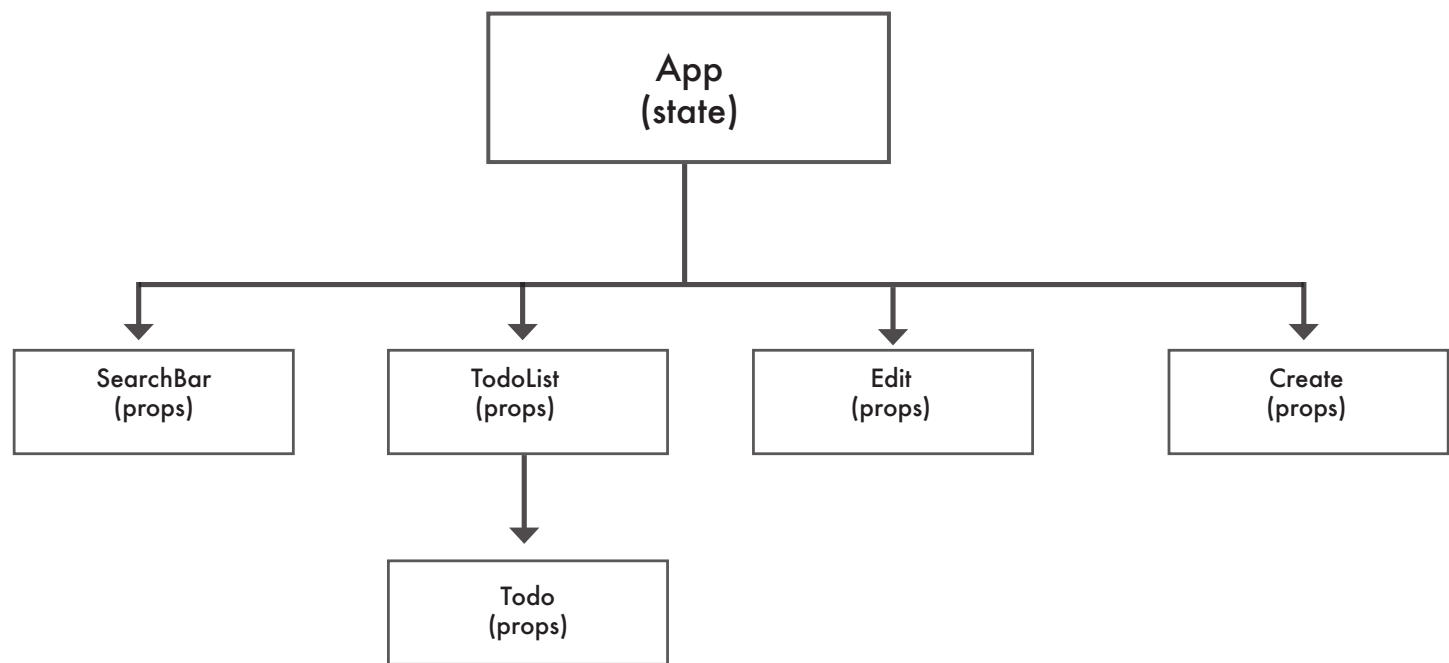
Request Response Cycle Diagram

Client

Router
index.js

Endpoints:
1. Get /api/todos
2. POST /api/todos - create a new image
3. PUT /api/todos/:id - update an image
4. DELETE /api/todos/:id - delete an todo by id

Controller
todoController.js

Model
Todo.js

Schema
Title: String,
Body: String,
Priority: Number,
Due date: date?
Created date: date
Location: String,

MongoDB

Component Hierarchy

```
                    ┌─────────────┐
                    │     App     │
                    │   (state)   │
                    └─────────────┘
                           │
        ┌──────────────────┼──────────────────┬──────────────────┐
        ▼                  ▼                   ▼                  ▼
┌───────────────┐  ┌───────────────┐  ┌───────────────┐  ┌───────────────┐
│   SearchBar   │  │    TodoList   │  │     Edit      │  │    Create     │
│    (props)    │  │    (props)    │  │    (props)    │  │    (props)    │
└───────────────┘  └───────────────┘  └───────────────┘  └───────────────┘
                           │
                           ▼
                   ┌───────────────┐
                   │     Todo      │
                   │    (props)    │
                   └───────────────┘
```

To-Do   Completed

search by title   search

| title body .jsadsjahdjash ... | Done |

| title body .jsadsjahdjash ... | Done |

| title body .jsadsjahdjash ... | Done |

| title body .jsadsjahdjash ... | Done |

| title body .jsadsjahdjash ... | Done |

| title body .jsadsjahdjash ... | Done |

| title body .jsadsjahdjash ... | Done |

Create

To-Do   Completed

| search by title | | search |

Details   ✕ | Create |

title

body
location
due date
created date
priority

| Edit |

| Delete |

| title
body .jsadsjahdjash ... | Done |

| title
body .jsadsjahdjash ... | Done |

| title
body .jsadsjahdjash ... | Done |

To-Do   Completed

search by title | search

Create   ✕

Create

title | |

body | |

location | |

due date | |

created date | |

priority   ◯ ◯ ◯ ◯ ◯
            least - most urgent

Save

title
body .jsadsjahdjash ... | Done

title
body .jsadsjahdjash ... | Done

To-Do   <u>Completed</u>

search by title	search

title
date completed
body .jsadsjahdjash ...

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