1. Create a to-do list tracker

Plan

1. UI is a web interface
   1. Left side has list of all the projects
   2. Right side has the view of the project and individual to-dos
   3. User clicks a to-do and it expands the details below the to-do to edit the details or delete the to-do
2. Steps
   1. Create a to-do
      1. title
      2. description
      3. dueDate
      4. priority
      5. notes
      6. delete
      7. edit
   2. Create a project
      1. Holds a list of to-do items
   3. View all projects
3. Pseudocode
   1. Create a factory function that outputs a to-do object that contains:
      1. toDoIndex – a unique identifier for each
      2. ProjectIndex – a unique identifier tied to a unique project index
      3. Title – a string for the to-do
      4. Description – a string for the to-do
      5. dueDate – look into date-fns for formatting and manipulating dates/times
      6. priority – a string, can be low/medium/high
      7. notes – a string for the to-do
      8. project – a string identifying the project name
      9. complete – a Boolean that marks the project as true/false based on whether its finished
      10. delete – a method that deletes the to-do object based on its identifier and loops through each property above and deletes them
      11. edit – a method that allows you to edit each individual property based on its identifier
   2. Create a factory function that outputs a project object that contains:
      1. Index – a unique identifier for the project
      2. Title – a string for the project
      3. Delete – a method that deletes the project and all the individual to-dos
   3. DOM
      1. Onload
         1. Load all tasks with their name and the due date
         2. Loop through the projects onload and display each project in the left side