## Routes/Task

- Create a task
- Delete a task
- Update a task
- Update a task
- Output all tasks

| | |
|---|---|
| | • Task Item |

## Routes/User

- Create a new user account
- Login to an existing user account

## Models/Task

- Creates the task with its respective properties in mongoDB

## Models/User

- Creates the user in the database
- Encrypts the user's password before adding to the database

| | |
|---|---|
| | • User Item |

## client/src/app

Timer

- Manages state of the application
- Displays a login or registration page to the user
- Displays the pomodoro clock interface to the user
- Button for fullscreen

| | |
|---|---|
| | • Timer |
| | • Fullscreen Item |

| client/components/Timer | App |
|---|---|
| <ul><li>Starts the timer when the start button is clicked</li><li>Stops the timer when the stop button is clicked</li><li>Resets the timer back to the start time when the reset button is clicked</li><li>Triggers a sound to notify the user when the time is up or when the time has started</li></ul> | <ul><li>client/src/app</li></ul> |

| Routes/List | |
|---|---|
| <ul><li>Create a list</li><li>Get a list</li><li>Delete a list</li><li>Update a list title</li><li>Add task(s) to a list</li></ul> | |

| Models/List | |
|---|---|
| <ul><li>Sets the schema to define what a list is with its respective properties in MongoDB</li></ul> | <ul><li>Routes/List</li><li>Routes/Task</li></ul> |

| client/src/components/login/login | |
|---|---|
| <ul><li>Creates a login form for the user</li><li>Posts the data inputted by the user to the back-end</li><li>Processes the response from the back-end</li></ul> | <ul><li>client/src/app</li></ul> |

| client/src/components/register/register | |
| --- | --- |
| • Creates a registration page for the user to create an account to use the application | • client/src/app |

| client/src/components/SessionList/SessionList | |
| --- | --- |
| • Display List view of tasks<br>• Allow user to manipulate progress of tasks | • client/src/app |

| client/src/components/Task/Task | |
| --- | --- |
| • Request an Update to a Task<br>• Allow the user to interact with the task | • client/src/app |