Assignment: Riding on Rails

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Production version: https://intense-thicket-30863.herokuapp.com

Email: testing@email.com

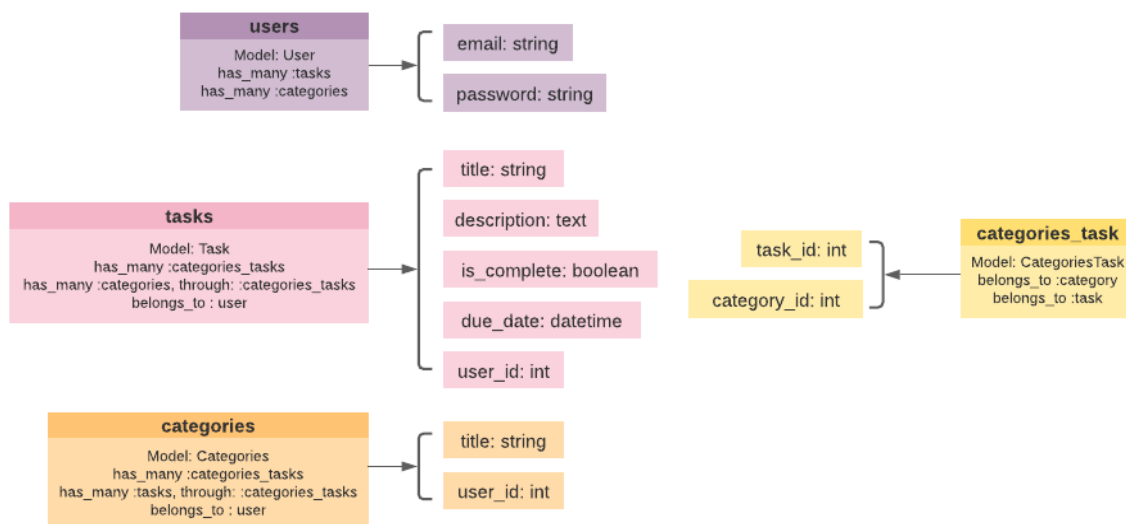Password: testing

The learning experience

Overview

The past two months creating this app is truly magical. Though there are many hurdles, I found the process challenging yet very enriching. Determined to join the CVWO team this summer, I enhanced myself through the learning and experimenting process. Having the perfect blend of coding and volunteering for the local community, the CVWO motivates me to delve further into my area of study and offers a precious opportunity as an introduction to web development. This assignment also provided me with a chance to grow more independent in coding aspects and gain better comprehension ability for official language documentation which were of great difficulty for me before.

Being able to complete this project is an incredible experience for me. I can hardly believe that two months ago I was trying to look up ruby on rails tutorials on youtube for the first time. This project allows me to push my ceiling and accelerates me closer to match experienced programmers' standards.

Achievements

Surprisingly to myself, I'm able to achieve most of the features envisioned in my mid-project write-up. The web application is complete with CRUD for both tasks and categories and user management.

Current schema:

Possible Improvements & Further Learning

More features

More features can be added to the app such as calendar view, timer, task scheduling, and a better way to add category.

Dark Mode

Due to time constraints, I wasn't able to set up the proposed light/dark mode feature in the web app. However, I will try to implement these features as soon as possible since it only requires CSS.
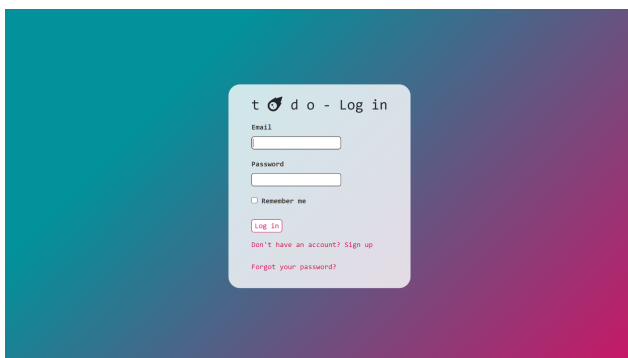
Learn more about Typescript, React context and Ruby on Rails

Since this is the first time I worked on a web app, most of the languages are foreign. I hope to explore and learn more about these languages and, if possible, use the on this app.

User guide

Log in and Sign up

Users are greeted with the login/ sign up page upon landing. With email and a 6-digit password, users can log into existing accounts or create a new one.
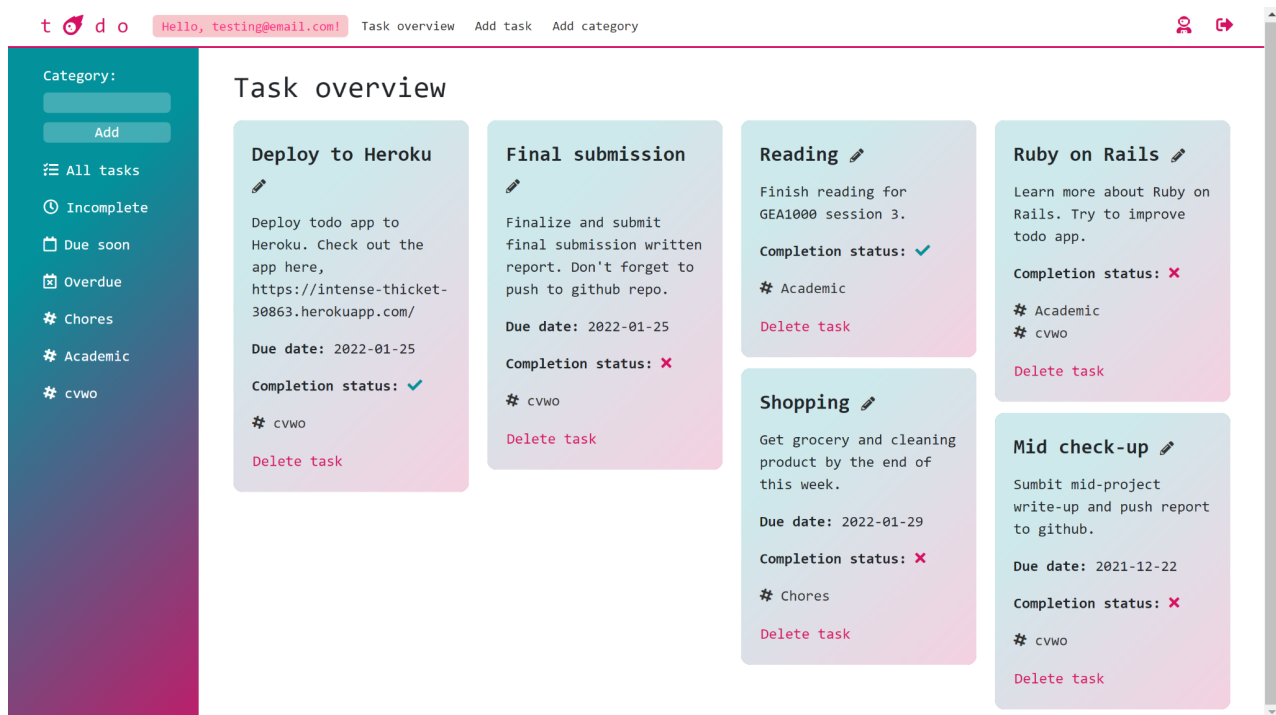

User log in

User sign in

Users also have the option to reset their password through the forget password page where a reset password will be sent to the user's email.

Task overview

Upon log in, users will be directed to the task overview where all existing tasks are shown. From here, users can create new tasks and categories, edit existing tasks and categories, select to view existing tasks based on different properties, edit the user profile and log out.

Task overview

Navbar

The navbar contains the logo, a welcome message, and links to task overview, add tasks and categories, edit user profile, and log out.

Sidebar

For the side menu, users have the option to add a new category and to select different properties to view tasks.

Add task/category

Input the information for the task or category according to the label of each and press the add button at the end of the form.

Edit task/category

Click on the pencil icon next to the task/category title to edit. Enter updated information and press the update button at the end of the form.

Delete task/category

Click on the trash can icon or delete button to delete a task/category.

Edit user profile

Click on the astronaut icon in the navbar to edit the user profile. Follow the form and click update when finished. User may also delete their account by clicking on the delete account button on this page.

Log out

Users can log out by clicking on the exit icon on the far right of the navbar. The page will be directed to user log in/sign up.