

Assignment: Riding on Rails

Qin Nanxin, A0245875N

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

The learning experience

Overview

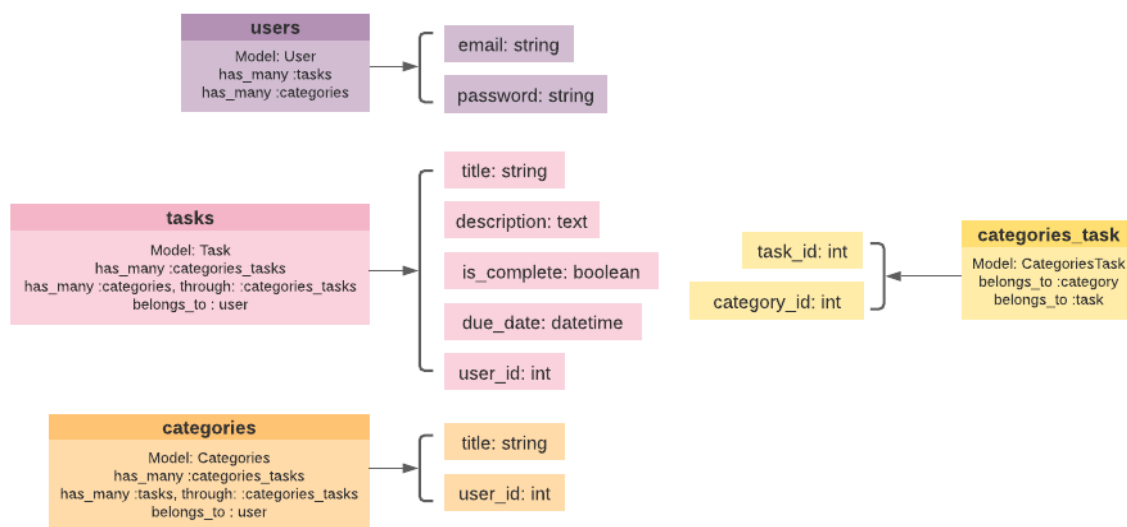
The past two months creating this app is truly magical. Though there are many hurdles, I found the process challenging yet very enriching. Determined to join the CVWO team this summer, I enhanced myself through the learning and experimenting process. Having the perfect blend of coding and volunteering 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.

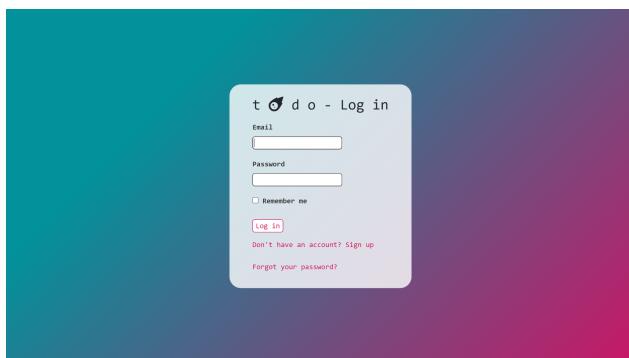
Learn more about Typescript, React context and Ruby on Rails

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 them 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



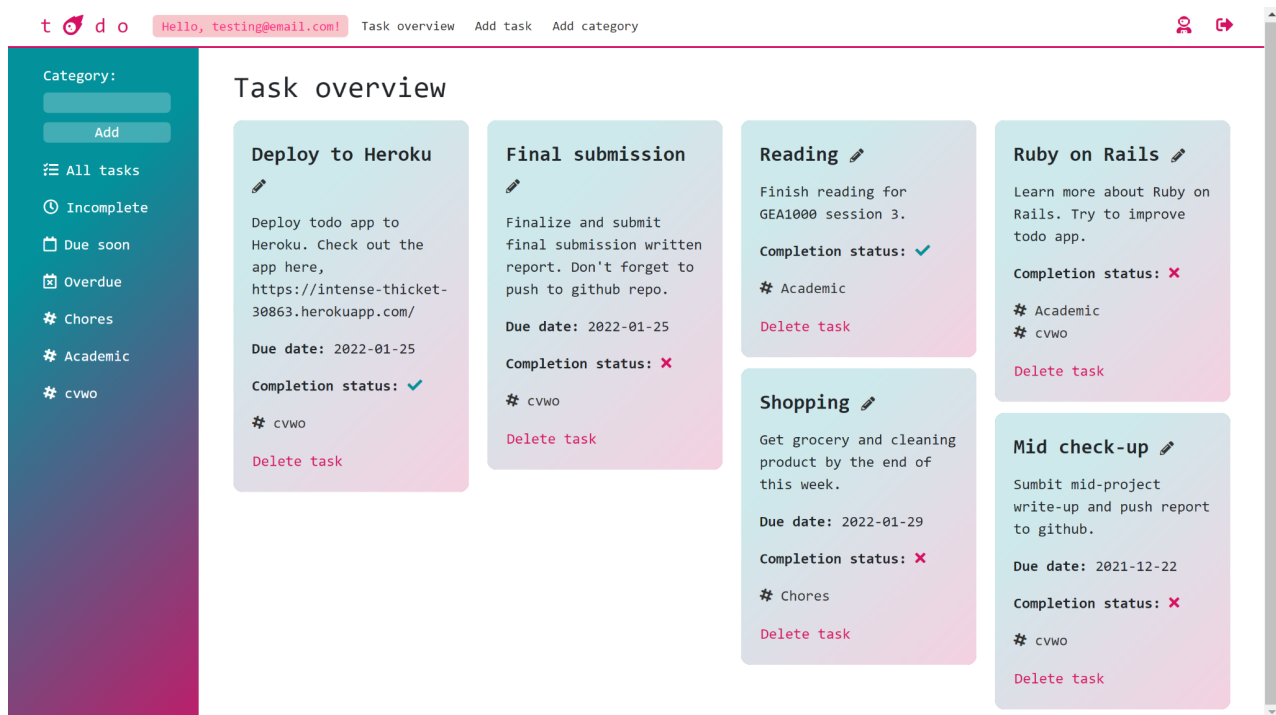
User sign in

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

