

## CVWO Final Assignment Submission

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### Proof of Working Application

Application was deployed on Heroku:  
<https://young-harbor-54865.herokuapp.com>

### Accomplishments







From doing this assignment, I have managed to successfully make my first web application that has both frontend and backend aspects, with minimal experience in frontend HTML/CSS (none with React) and no backend experience to begin with, this was a huge achievement for me.

Furthermore, doing this assignment has taught me the importance of being able to fix bugs. I faced numerous problems during the assignment, some of which were my fault, and some of which I could not have avoided. For example, I faced issues deploying the application to Heroku, and I spent a significant amount of time to figure out why it would not work. Eventually I found out that for some reason, Heroku did not work well with the latest version of Bundler (2.2.7) and I had to downgrade to version 2.1.4 for it to work.

However, I still feel that there is a lot more that I can improve on for the assignment. I wanted to implement an account system to store to-dos for each account, but I realized it would not be possible to do so unless I redid the project from scratch, which I did not have sufficient time to do so. I also could have put in more effort in the styling of the application, as well as having tidier code. I realized that these issues are due to me adding additional features on the fly, and not planning ahead of time on the features I would ideally like in my project.

Overall, doing this assignment has taught me a lot about frontend and backend frameworks, and it made me learn about things that I have been putting off for quite some time (React). Overall, this has been a good experience to me to learn about what doing software development feels like, something that I probably will not learn until much later in school, and I can't wait to put my new knowledge to good use for my own personal projects.

## User Manual

Todo List				
<div>Q Search <span>×</span> <span>+</span></div>				
	Title	Description	Due Date	Actions
<input type="checkbox"/>	CVWO Assignment	Implement a To-do app usi...	30-01-2021	 
<input type="checkbox"/>	To-do 2			 
<input type="checkbox"/>	To-do 1	Description 1		 


1. To-dos can be added by pressing the  icon in the top right corner of the table

Add Todo ×

To-Do

Tags (Optional)

Description (Optional)

Due Date (Optional) 

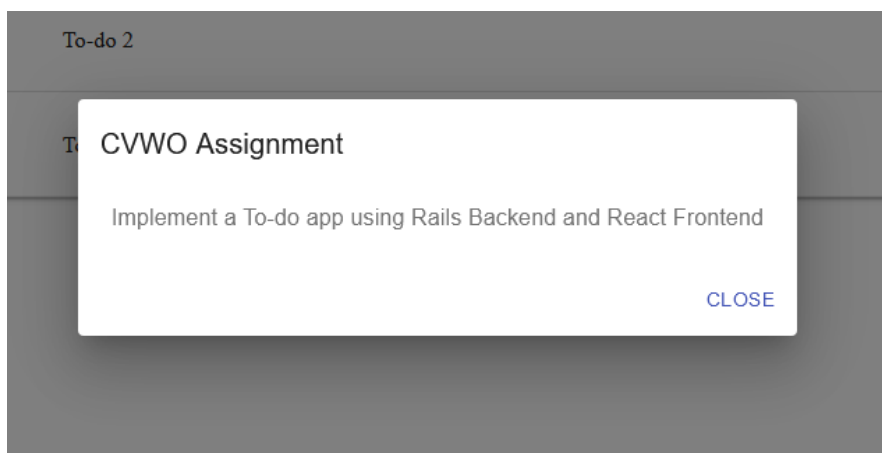
Reset

Submit

2. To-dos can be filled up as required, with optional Description, Tagging, and Due Dates (To-do field must be filled up).

<div> <div>Q Search</div> <div>×</div> <div>+</div> </div>				
	Title	Description	Due Date	Actions
false	CVWO Assignment	Implement a To-do app using Rails	30/01/2021	<div> <div></div> <div>✓</div> <div>×</div> </div>
<input type="checkbox"/>	To-do 2			<div> <div></div> <div></div> </div>
<input type="checkbox"/>	To-do 1	Description 1		<div> <div></div> <div></div> </div>

- Current entries can be amended by clicking the edit button on the side of each to-do.



- In the case where the title or descriptions are too large, they can be expanded by clicking on the to-do itself.