

Software Engineer Web Dev Internship – Interview Exercise

Write an application that can keep track of the use-by dates of a user's purchased food shopping products.

The requirements for this application are:

1. The application will have three options
 - a. Add a new item;
 - b. Remove an existing item;
 - c. View currently added items.
2. When adding a new item, the application will prompt the user to enter a product name and use-by date.
3. The application can have multiple products with the same name and/or use-by date.

You can use any framework or libraries you require to help achieve the task. A web-based application would be preferable, but please choose whichever language you're most comfortable with.

Consider how this task *might* be extended **in the future** to include the user being able to view and sort the products stored in the application by use-by date.

Send over your code as well as instructions on building and running it before the interview. We'll ask you to talk through your thinking about areas of it in the interview. If possible, a runtime application would be helpful.