

Software Developer Technical Assessment

Our front-end application team requires a REST endpoint that provides a list of goods. Each item should contain the following properties.

1. Name
2. Description
3. Price
4. Rating
5. Date it was last purchased
6. Total number of days since it was last purchased.

The front-end application team intends to implement pagination, and needs to have any additional data you deem necessary for effective implementation. They will also need to be able to retrieve the details of a single item, to create a page for when the end-user clicks an item from the list, or navigate to it directly from a saved URL.

Once you are complete, share the code repository with shoilett@dynamic1group.com, along with instructions on how to run your application.

NB: There is no need to create a front-end application

Bonus Points

1. Any documentation necessary on how the front-end team will consume your endpoint.
2. Application written using NodeJS
3. Use a database to manage the list of goods.
4. Data storage backed by MongoDB
5. Provide a single docker command to run your application and it's database

Once you receive the assessment, please review and ask any clarifying questions. Once you're ready to start, communicate to us a date and time by which we can expect the completed exercise.