# VOTING APP

A school’s cafeteria wishes to provide healthier snacking options for its students. The school would like to know which fruit their students prefer by providing a number options and having the students vote on their favorites.

Build a small functional snack voting app that meets the following requirements:

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| * The students should be presented with a list of items to vote on.  This list of items and students does not need to be dynamic - it can be seeded into your datastore.      * **Have at least two student users inserted:**   + Jane   + John * **The user would see this list of items:**   + Apple   + Orange   + Banana   + Pineapple * The students should be able to vote for a particular item which will increase the number of votes for that item. * The list of items should be sorted by the number of votes. The item with the highest number of votes will appear at the top of the list. * Users should be able to leave the site and come back and see their votes again - meaning the votes must persist and be stored in a persistent store. |

You can use any set of technologies and any frameworks or libraries that you are comfortable with. The design must have the following components:

* + A persistent data store and an access layer via which to manipulate data in the data store.
  + An interface (CLI or API) that presents the list of items and allows the user to vote for the fruit of their choice. This interface is preferably a server-side REST API. You may stop at this point, provided you give good instructions on how to exercise the interface.
  + Bonus: A web-based UI allowing the user to see the list of items and place their vote. It is preferable to use a modern client-side framework or library like Angular, React, or Vue.js that interacts with a server-side REST API.

The application can be hosted anywhere as long as it is publicly accessible. Useful instructions on hosting can be found on the various hosting sites. An example is <https://docs.microsoft.com/en-us/azure/app-service/> but you’re free to use any host of your choosing.

Once the app is completed, please report back with the URL to the running application, and send the codebase via a Github (or similar) project. Please include a good readme on how to use your application, especially if you haven’t built a UI. You may post the code on GitHub and use it as a portfolio project.

Good luck!