

# LWC Challenge - Grocery List

## What you need

1. VS Code , SF Extension , SF CLI, live server extension
2. Reuse existing scratch org or a new scratch org

## Challenge

1. Create a LWC component (parent) which shows a summary list of groceries

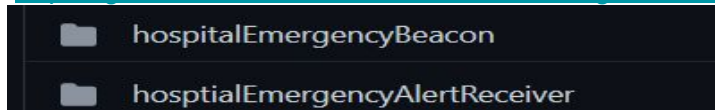


# LWC Challenge - Grocery List

2. Create a LWC component(child) which helps users to add groceries list for shopping
  - a. Use lightning input field to get grocery item and Category from the user
  - b. Use lightning button : 'Add'
  - c. On click of Add, pass grocery item to parent so that it appears in the summary list

**Tip:** Refer events communication for child to parent data exchange

Sample code reference: <https://github.com/ShareAndShine/SFTrainingPlannerApp/tree/master/force-app/main/default/lwc>



# LWC Challenge - COVID Vaccine Finder

## What you need

1. Use Open API from Cowin portal to find available slots and hospitals for a given pin code and date
  - a. API URL: <https://apisetu.gov.in/public/marketplace/api/cowin#/Appointment%20Availability%20APIs/calendarByPin>
    - i. <https://cdn-api-co-vin.in/api/v2/appointment/sessions/public/calendarByPin?pincode=600081&date=31-08-2021>
    - ii. <https://github.com/ShareAndShine/SFDevDocs/blob/main/db.json>
2. VS Code , SF Extension , SF CLI
3. Reuse existing scratch org or a new scratch org

## Challenge

1. Create a LWC component which takes pincode and date from the user
2. For the given pincode and date, make a call to Cowin Open API
3. Get the output JSON and parse it
4. Display
  - a. Hospital Name
  - b. Available capacity
  - c. Vaccine (CovidShield , covacin etc)
  - d. Vaccine Fee (free or show amt)
  - e. Address
5. Use Lightning data table component or Lightning card or any component of your choice to show the above data to user
6. Validation
  - a. Ensure user enters 6 digit pin code else show a message with an error (Tip: Use show Toast component)
  - b. If no results found for the given inputs show a message stating no slots available (Tip: Use show Toast component)

# LWC Challenge - Sample Output

Vaccine Slot Finder

Center Name

23-05-2021

Pincode

1	SMS Hospital 4 Dhanwantri 5th	Available Capacity: 0 Min Age: 45
2	ISOLATION SMS HOSPITAL (IDH)	Available Capacity: 0 Min Age: 45
3	SR GOYAL GOVT UHC 18-44	Available Capacity: 0 Min Age: 18
4	SMS HOSPITAL 18-44	Available Capacity: 0 Min Age: 18
5	SMS Medical College Hospital	Available Capacity: 0 Min Age: 45
6	JK Loan Hospital (18-44)	Available Capacity: 0 Min Age: 18

Sample code reference: <https://github.com/ShareAndShine/SFTrainingPlannerApp/tree/master/JS%20Training/NewAPI>