

1 CREATE A GITHUB REPO

## **W12-QUIZ**

2 CLONE IT + flutter create

2 UNZIP THE START CODE (/lib)

3 - COMMIT /PUSH START CODE

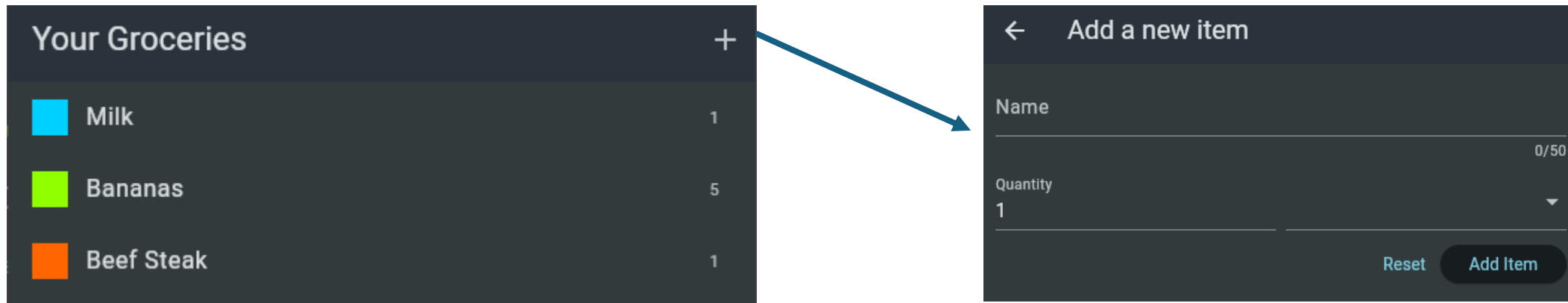
commit message = start code

4 – START YOUR WORK

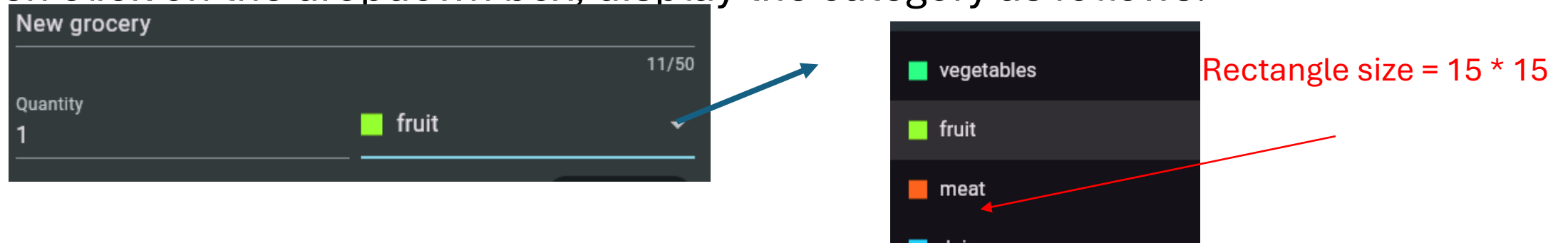
30 min

# TODO

- ✓ 1- When click on the plus button, **switch to the Grocery Form**



- ✓ 2- When click on the dropdown box, display the category as follows:

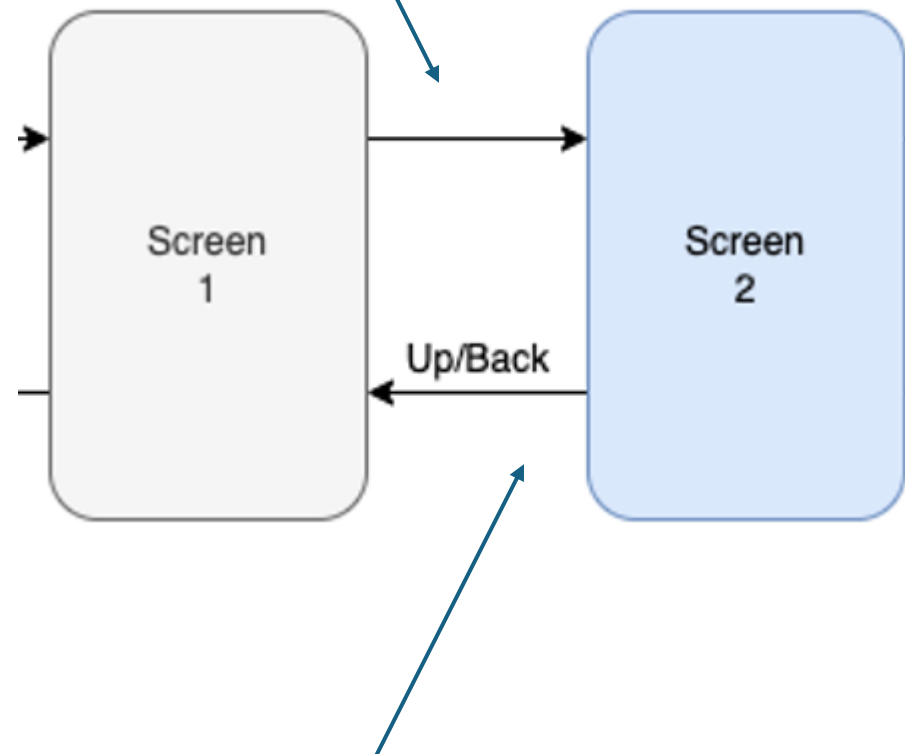


- ✓ 3 - When click on Add item, return to the main screen and add the new grocery:



# Navigate with **routes**

```
T? theValue =  
  await Navigator.of(context).push<T>(  
    MaterialPageRoute(builder:  
      (context) => const YourForm()),);
```



```
Navigator.of(context).pop<T>(T theValue);
```

# DropDowns

*From values to  
dropdown*

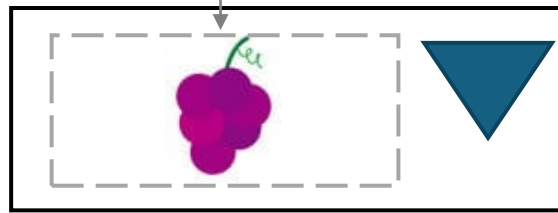
DROPDOWN

VALUE



List<Fruit>

Selected item

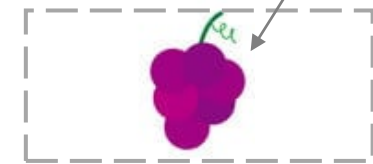


List of items

DropDownButton<Fruit>

DROPDOWN ITEM

Item Value



Item Widget

DropDownMenuItem<Fruit>

## EXPLAIN

**DROPDOWN**

Value type



```
DropDownButton<Category>(
  value: _selectedCategory,
  onChanged: (Category? value) { ← Selected value
    setState(() {
      _selectedCategory = value!;
    });
  },
  items: Category.values
    .map<DropDownMenuItem<Category>>((Category value) {
      return DropDownMenuItem<Category>(
        value: value,
        child: Text(value.name.toUpperCase()),
      ); // DropDownMenuItem
    }).toList(),
), // DropDownButton
```

**DROPDOWN ITEM**

Item value



Item widget

