This JavaScript controller is for an Aura component with a lightning:datatable that loads Contacts, allows inline editing, and lets the user save or cancel changes.

- 3) handleCancel Discard changes ------ Clears v.draftValues to remove edits. Calls dolnit to reload fresh data from the server.

Apex Controller (Implied) ------ Example: See code snippet below.

Key Points ------ - Flatten related fields for display (Account.Name → AccountName). - v.columns, v.contacts, v.draftValues must be defined as attributes. - Always refresh the table after save or cancel to match the server data. - Consider adding toast messages and spinners for better UX.

## JavaScript Controller Code:

```
2
              doInit: function(component, event, helper) {
                     6
7
8
9
                     var action = component.get("c.getContacts");
action.setCallback(this, function(response)
   if (response.getState() === "SUCCESS") {
     let contacts = response.getReturnVal
10
11
12
13
14
15
                                     let contacts = response.getReturnValue();
contacts.forEach(function(c) {
    c.AccountName = c.Account ? c.Account.Name : '';
16
17
                                      component.set("v.contacts", contacts);
                              } else
18
19
                                     console.error("Error loading contacts:", response.getError());
                             }
20
21
22
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29
30
                      });
$A.enqueueAction(action);
             handleSave: function(component, event, helper) {
  const draftValues = event.getParam('draftValues');
  var action = component.get("c.saveContacts");
  action.setParams({ updatedContacts: draftValues });
  action.setCallback(this, function(response) {
    if (response.getState() === "SUCCESS") {
      component.set("v.draftValues", []);
      this daliit(component);
}
                                     this.doInit(component);
32
33
34
                             } else {
                                     console.error("Error saving contacts:", response.getError());
                             }
36
37
                      $A.enqueueAction(action);
38
              handleCancel: function(component, event, helper) {
   component.set("v.draftValues", []);
   this.doInit(component);
40
41
      })
```

## Apex Controller Code:

```
public with sharing class ContactController {
       @AuraEnabled(cacheable=true)
3
       public static List<Contact> getContacts() {
 4
           return [
5
               SELECT Id, FirstName, LastName, Phone, Email, Account.Name
6
               FROM Contact
 7
               LIMIT 200
 8
           ];
9
       }
10
11
       @AuraEnabled
       public static void saveContacts(List<Contact> updatedContacts) {
12
           update updatedContacts;
13
       }
14
15 }
```