

**MOBILE PROGRAMMING**  
**LAB 7: ASYNCTORAGE & FETCH API/ AXIOS (PART III)**

**Create Lab7 github with Lab6 content. Continue to develop KAMI Mobile app with interfaces as below. After completing the submission to the Moodle system.**

## API:

### - Customer

+ Screen 1: Customer Detail: POST [https://kami-backend-5rs0.onrender.com/Customers/{\\_id}](https://kami-backend-5rs0.onrender.com/Customers/{_id})

Example: <https://kami-backend-5rs0.onrender.com/Customers/640c0093af2f878897eb03f4>

Result:

```
{
  "_id": "640c0093af2f878897eb03f4",
  "phone": "1234",
  "name": "Hung Minh Tran",
  "loyalty": "member",
  "totalSpent": 3712500,
  "status": "active",
  "createdBy": "640b291238c00f3b15f68375",
  "__v": 0,
  "updatedBy": "640b291238c00f3b15f68375",
  "transactions": [
    {
      "_id": "640ea2e9af3a204e7e4b5f47",
      "id": "HD1678680809",
      "customer": {
        "_id": "640c0093af2f878897eb03f4",
        "phone": "1234",
        "name": "Hung",
        "loyalty": "member",
        "totalSpent": 3712500,
        "status": "active",
        "createdBy": "640b291238c00f3b15f68375",
        "__v": 0,
        "updatedBy": "640b291238c00f3b15f68375"
      },
      "services": [
        {
          "_id": "640bffbfb3e61d3d763934a22",
          "name": "Dich vu 1",
          "price": 100000,
          "createdBy": "640b291238c00f3b15f68375",
          "createdAt": "2023-03-11T04:12:47.168Z",
          "updatedAt": "2023-03-11T04:12:47.168Z",
          "__v": 0,
          "quantity": 1,
          "userId": "640e9876a6bb10819ee5db96"
        }
      ]
    }
  ]
}
```

+ Screen 2: Edit customer: PUT [https://kami-backend-5rs0.onrender.com/Customers/{\\_id}](https://kami-backend-5rs0.onrender.com/Customers/{_id})

Param: name, phone, login token

+ Screen 3: Delete Customer: DELETE [https://kami-backend-5rs0.onrender.com/Customers/{\\_id}](https://kami-backend-5rs0.onrender.com/Customers/{_id})

Param: login token

## - Transaction

+ Screen 4: Add transaction: POST <https://kami-backend-5rs0.onrender.com/transactions>

Param: CustomerId, Services[ {\_id, quantity, userID}], **login token**;

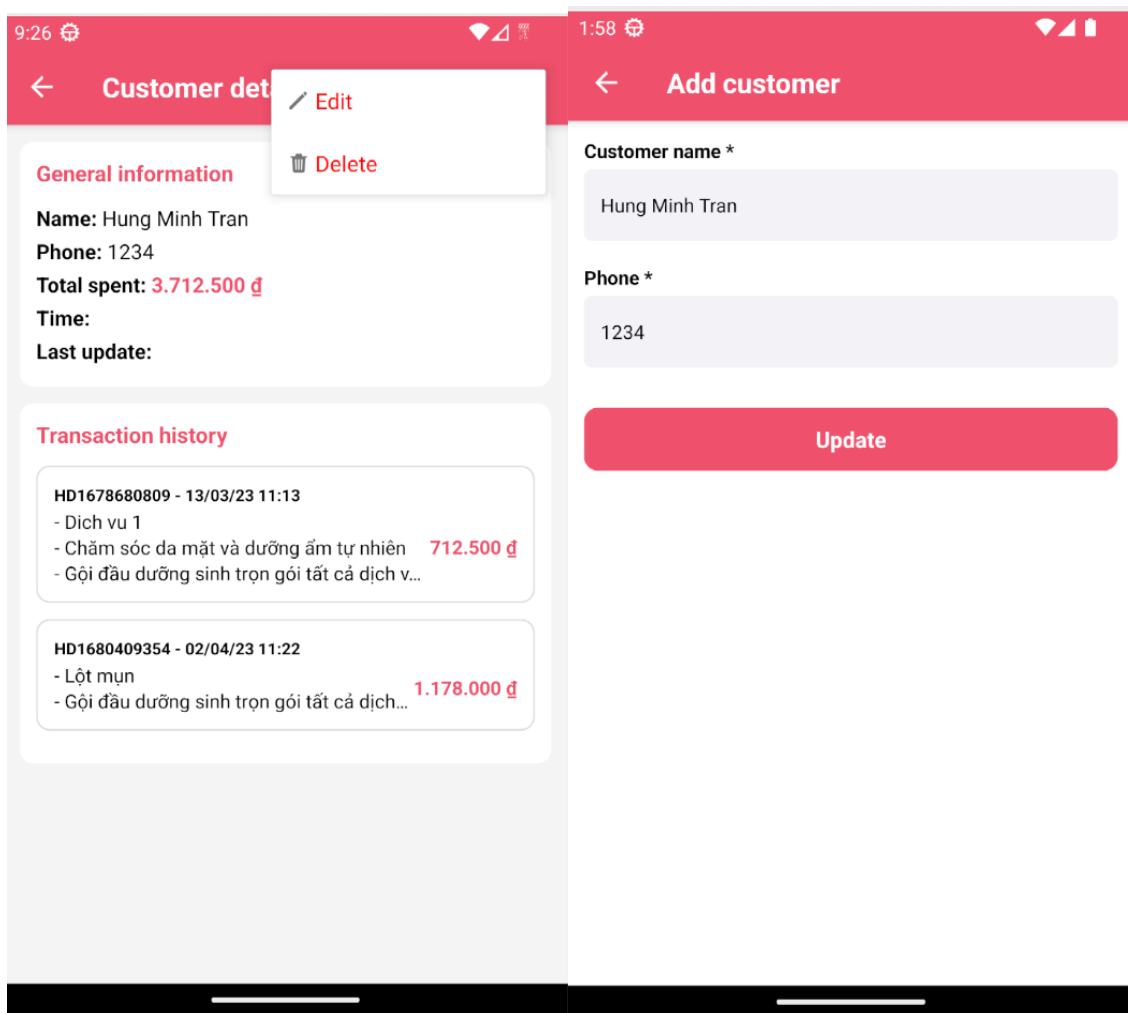
Add library: npm i react-native-element-dropdown

npm i react-native-bouncy-checkbox

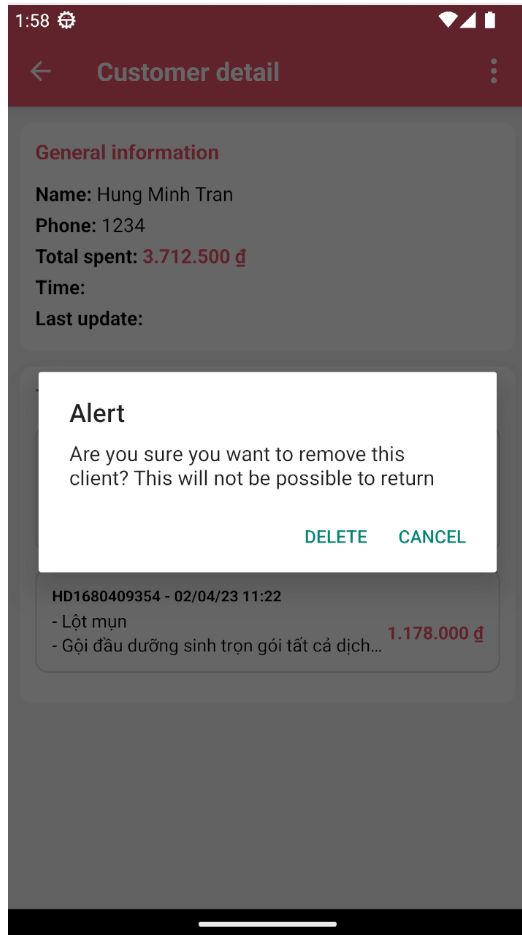
+ Screen 5: Delete transaction: DELETE [https://kami-backend-5rs0.onrender.com/transactions/\\_id](https://kami-backend-5rs0.onrender.com/transactions/_id)

Param: **login token**

**Account login: user: 0373007856, pass: 123**



## Screen 1: Customer detail



1:58

← Customer detail

**General information**

Name: Hung Minh Tran  
Phone: 1234  
Total spent: **3.712.500 đ**  
Time:  
Last update:

**Alert**

Are you sure you want to remove this client? This will not be possible to return

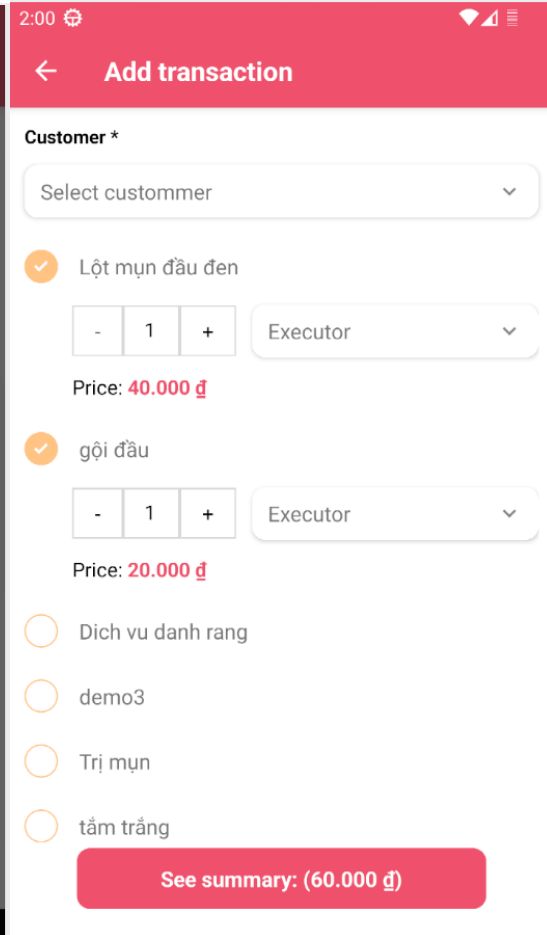
DELETE CANCEL

HD1680409354 - 02/04/23 11:22

- Lột mụn
- Gội đầu dưỡng sinh trọn gói tất cả dịch... **1.178.000 đ**

## Screen 3: Delete customer

## Screen 2: Edit customer



2:00

← Add transaction

**Customer \***

Select customermer

☒ Lột mụn đầu đen

- 1 + Executor

Price: **40.000 đ**

☒ gội đầu

- 1 + Executor

Price: **20.000 đ**

☐ Dịch vụ danh rang

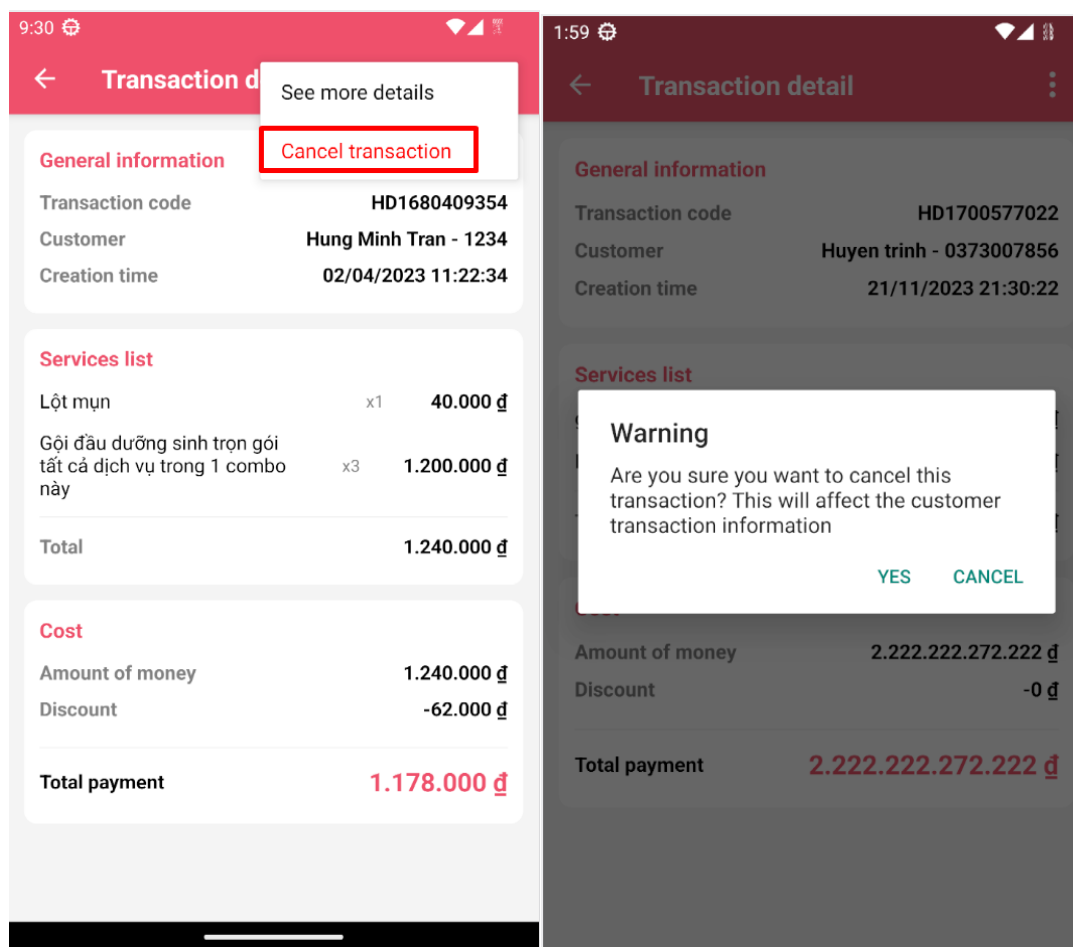
☐ demo3

☐ Trị mụn

☐ tắm trắng

See summary: (60.000 đ)

## Screen 4: Add transaction.



**Screen 5: Cancel transaction**