const My-RouTEs: Routes: [

{ Path: home 'Component: Home Component}, //

{ path: recent'Component: Recent Component;

Children: [

{ path: transaction 1: id 'Component Transaction Component}

} path: 'dispute 1: id 'redissifto: 'home'?

path: 'Poyment' Component Payment Component?

path: 'Bankyou' Component Trankyou Component?

opp. modul. H.

de les tien : [

App Component,

Home Component,

Recent Component,

Transaction Component,

Payment Component,

Thankyou Component

Import : [

providus: [Data Service],
bootshap: [M1-comparent]

Opp. Component. H. H.

O Component

saluto: 'opp-root'

lenglati:'

La [routerLink]="["home"]" > Home < la>.

Ca [routerLink]="["neant']" > View Recent Transact da>

Ca [routerLink]="["recent']" > Make Payment

Ca [routerLint]="["payment"]" > Make Payment

Crouter-outlet >

Crouter-outlet >

Crouter-outlet > //.

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get Transaction Defail (id: Number) }.
           data. service. ts.
                                                   this http. get ("https: 1/bent. com/api/recent/
  export don Hataservice }
                                                   parsoiten/" + id).

Subscribe ((data) => };
 Constructor (pinate http: Httpclient, private route: Router) $
                                                   make Payment (amount: number.
get User Information () {
                                                           benkno: number; detti ) {
this. http. get ("https://bank.com/api/hame").
                                                   const Payment = : }
Subscribe ( (dota) =) {
                                                     amount: 'amount'
                                                     De count Number: 'bank no'

payment Date: 'date' }
get Pending Transaction () }.
                                                   this gutte post (" http://bank: com/ axi", Paymont
this. http.g.t ("https://bank com/api/recent").
                                                    · Subscribe (1) =) }
pipe (filter ((doto) =) dota. Status = pending')
                                                       xivi . Youts . rowigate (['Monkyou']).
  Subscribe ( (resporte Data) =) { }),
                                                    gefAccoutllmber (id: number) {
get Approved Transaction () ?.
                                                    this. http. get ("http:// bont. com/api/volidationacu/
  this http got (" http://bont.com/ayi/round').
 pyel filter ((doto)=) data. Status='Offinarid')
                                                    Subscribe (() =) }
                                                    ); 3;
}.
    Subsirible ((Inform Dato) >> }
```

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home. Comjonent. Hs.
                         @ component ( 5
                                          solutor: 'home',
                                         funglote:
                      > Wallowe Back { Superinfo. rome 33 2/p>
                                       Your Current bolanu: $ {\universet \universet 
                                 < Total + y perse: $ { { Userings. expenses } } </p>
                             2 p > Last Payment: $ { Sundafo. lastpayment } } 2/p>
        2/div >.
       < pie [data]="Usurinfo.chort" > </pi>
                                                                           Home Comporent }
export clau
   constructor (private data Serviu: Datasarrice)}
  const werlago;
this datoservice get User Information (). Subscribe (
    (data) => {time visito = data })
```

errort class Rount Component 3 Kecut. Component. M. const approved Transaction []; Ocomponent (} Court perdig Transoction EJ: Selvetor; recent Constructor (private dataserine: Dataserine) } Zha> Pending Transaction Sha> 2 fable> ZM> both 2/td> oninit () }. this . do to service . get Pending Transoction (). 21h> cologory 2/td> 2th> Amount 2/td>. Subscribe ((dola) =) } < H * ng For "let pending of pending Transaction"> this . perdig Transacture = data, Spending. date }} 4td>{ pendig description} this data Service get Approved Transaction (). 2H2 Sproky. Cotegoy 332/Hd> 2 H2> { pertig amount 33 2/H> Subscribe ((dato) >> } < butter [route Link] = [transaction , (id. value) this. opproved Transacture = data; Details 21 bothon > (11d) Zhuffon [nouterLink]= ['dispute', idivalus]" Diegote The charge 21 Lutton > (2/14) chis Approved Transaction 2/hrs. Zfoll > c < bullen ErouterLint] = "['transaction'.id.value]"</pre> <H > Dot Doscriptum Details </thora > Congoing 21td>. > Amount 2/th>. Zhu Han [routelint] = ['dispute', id.value]" Dupute The charge - 1 bullon >. Z(+> < to *refor = let ropprove of opproveditareactions 211d > Ztd> { Soyprive. date ? } 2/td> 21 tolle > < H> } approve. ducerijtim 3? 2/td >. Zrouti-outlit > = Iron Ar-outlits < 19> 38 oftwore copy 3,1 < 149> Zfds {{ oppose amount }} < / Lds.</pre>

transaction. Component. H. @ component (5 Selector : prossoction , femplate: <hi> Poyment Debils
2 div > < P1>{ Fransaction de Loil. discription ? { </ > < may [data] = " transoctional boil. 200 time"?? -> / may >. LP> Transaction amount: & housaite detail amount 3 } < 1 x > 21> Transaction Date: { Sponsortendeloil. date 34×11> 2p> Cotyon: } horsacturditail. Cotyony 2) 2) 21> Purhase Muthed: {} prorsactionabil method} < 2/10 21> Card used: {} prorsection de fail - Card} > 2/10 2/10x> @ expect class Transaction Component } const transaction detail; Constructor (private dataserice : Activated Route)

private (route : Activated Route) this route params, 50 Lsur Le (param =) {

this id = Params Erid 33): Ontail () } this dalla service get Transaction De tail (id). Subscribe ((doto) =) this . troose them detail = dotal

```
expect class payment Congorent &.
    gayment. Component - H.
                                                                                                                        my form : Boim Goup)
  Ocomponent ( }
                                                                                                                       Constructor ( private datservice: Dataservice)
               Selister: 'payment'
                                                                                                                                                 private route Activated Route;
              Jemp late:
                                                                                                                                           private formBuilder FormBuilder) }
< form [form Groy] = my form ( [ng Submit)] "on Payment ()"
                                                                                                                           This. my form = form Builder group ( }
     Zlabel for = "Amount" > Amount 2/lobol>
  Zdir >.
                                                                                                                             'amount": [" 1, [volidators rejurnd]]",
     Limps + type = 'text'
                                                                                                                            1 bant No : [', [Validators regimed,
                        pane = 'amount'
                     [form Contro | Nome] = 'amount'
                                                                                                                                                                  Him. my Volidaton 3],
                        plongholder = '$' >.

Llabel for = "bank No" > Bank Account Number 

//obel >
                                                                                                                           'dati': [' ', [ voleda fors. required ]]
<input type='text'
                     pame = bank No
                                                                                                                           3);
                     for Corm / Nord = bart No >.
                   for = pagnet > School layout date 
  (*)
                                                                                                                         OnPayment () }
2/pbol
                    typo = 'text'
Lingut
                                                                                                                         This. detassivice. make Payment
                     nane: 'loymet date'
                   form Conho / Navo = ' date' >.

Zent 11. 11. - Laisabled ] = "Imy form, valid in this my form. value. amount,

when type = Submit [disabled ] = "Imy form, valid in. / wall. hank in.

Laisabled ] = "Imy form, valid in. / wall. amount,

when the submit is a submit in the submit in th
                                                                                                                              this my form value payment date );
2/dm>
          pay 2/button >.
                                                                                                                               this . my form . roset ();
                                                                                                                            my Validation (control; Form Control): {[s:smp]:600]

constid; control; Form (on the); {[s:smp]:600]

this jout o paim. Subscribe (porom) => }
Zdw ragif = ! Hayform. controls [amount]. valid >
           involid input
                                                                                                                                    firs. i'd = params ['i'd']
Zldin>.
Ldir Ang Ff: 'I my form. Controls ['bont no']. volid >
                                                                                                                               This du to service get Account Number (id).
1 din >
Z dir x ng If= ! my form control [ ' Rayment' ]. volid >
                                                                                                                              Substitute ((data) =) {

fins. merreje = data;

};
              invold Date
1/ div >
                                                                                                                              teturn menege;
```

in hi joy bod

、ことうべいいくていいくご

(10) To get any information about the route associated with booked comparent exq ur1, porms gung parm,

1) yes, we can

(11) They create form Broom instance of nance it reform a return regulant as output

2) Constructor is called during construction of component but ingonInit are called during charge detection (2)- It Overcomes CSRF/Highly Sclobbe Secure

and work very will in statum state [Restful M]]

comporents.

Clant view is rendered to hidden dir. Then prepart switch clind view & serve views.

a component s. component. He is created with a created.

* In NOT we only send Englis MTM 4 35 code but in sever side we sen revoled Mrml to browser.

port in the months of house

3) It set a class called valid to the

component. Dom element.

@ More, emplated No fire

Frenk, Timer, XHR (opplication state charge)

Jose through every component in the component hare.

8) cor they optimize our code, which make it

9) We can use Onlock Detection Strotzy.