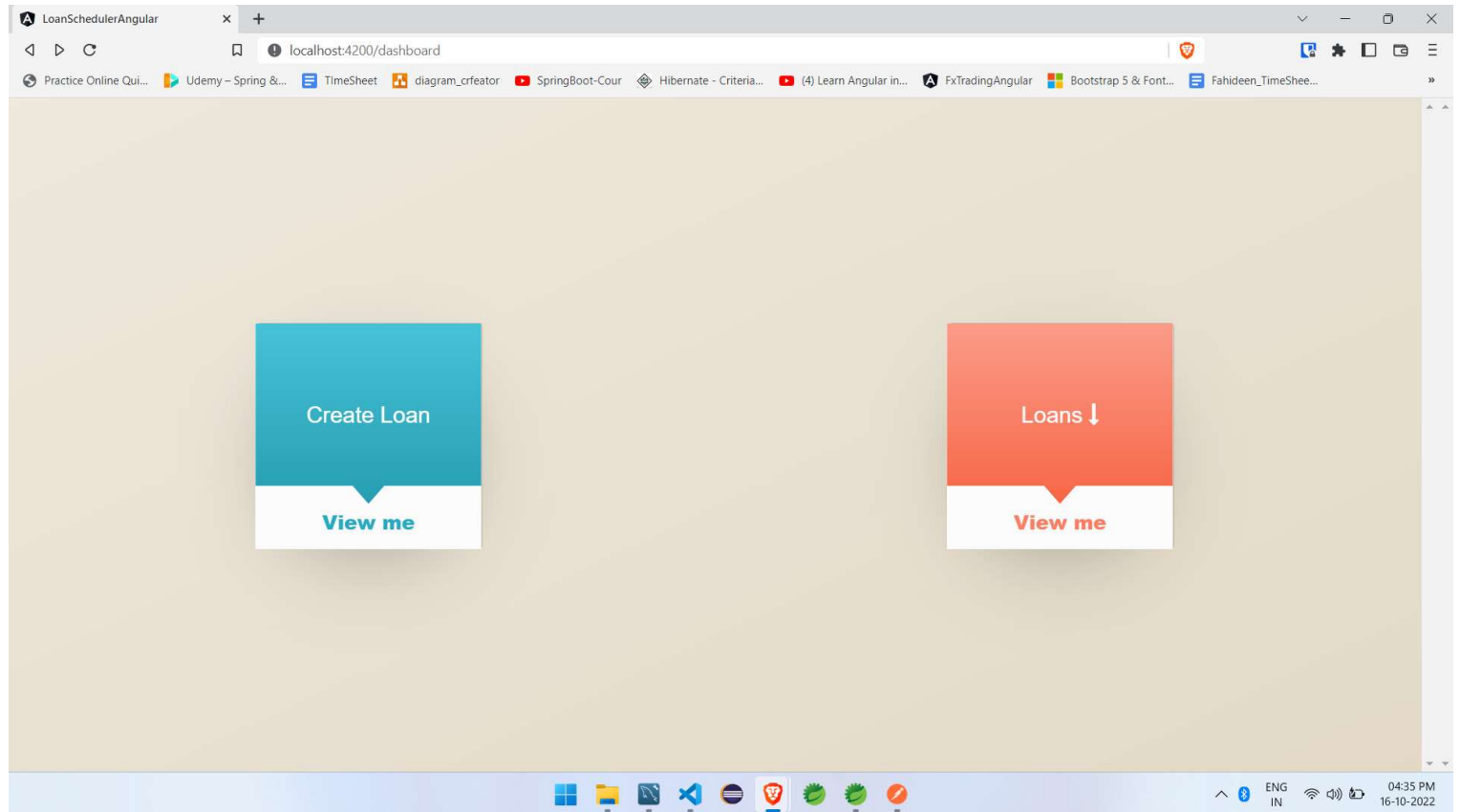


# **Loan Scheduler Documentation**

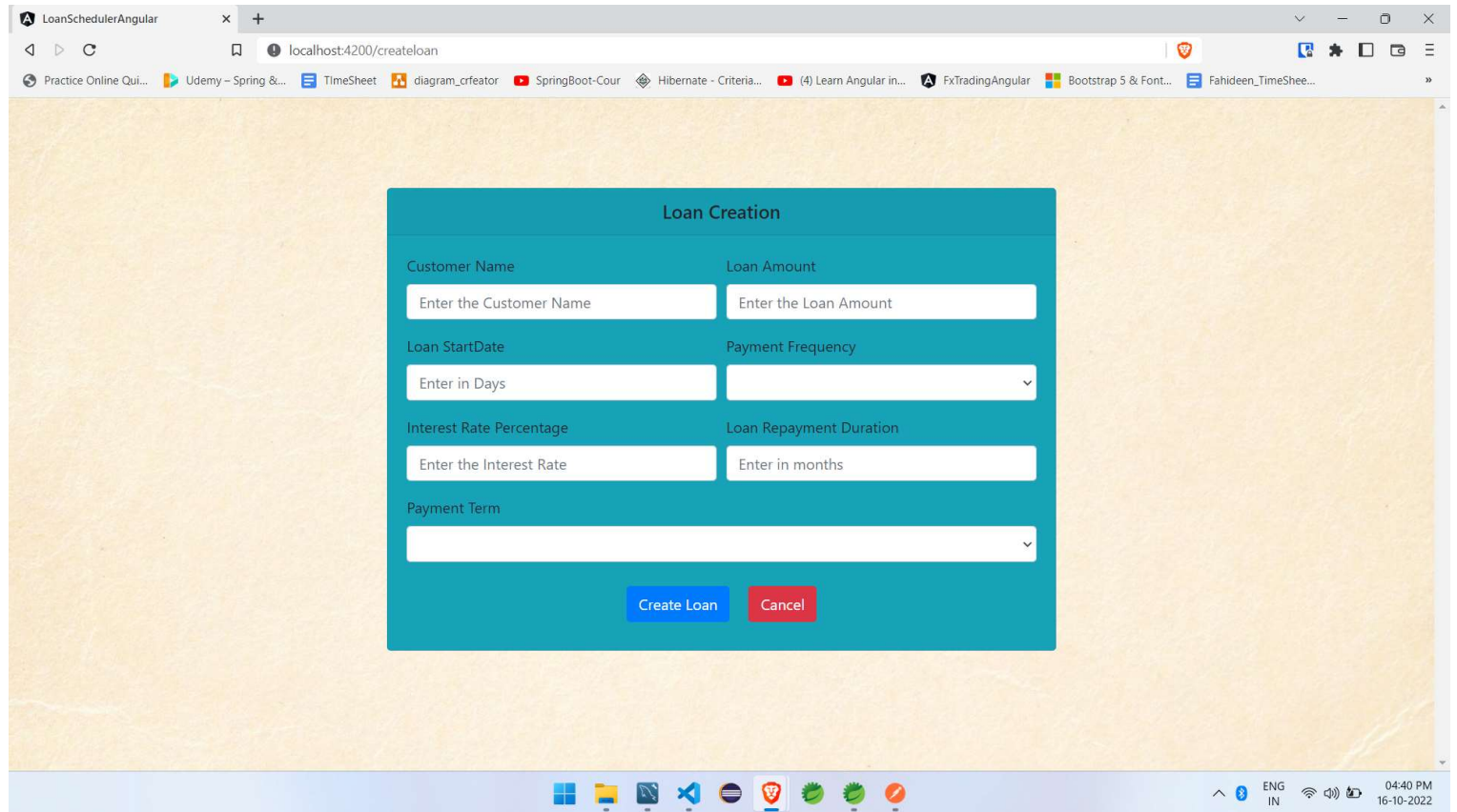
# Loan Scheduler HomePage



As You can see there are two options available

1. Create Loan - This option is used to create loan for a customer.
2. Loans - This option is used to Display all users with their Payment schedule.

# Loan Scheduler Create Loan Page



The screenshot shows a web browser window with the URL `localhost:4200/createloan`. The page displays a "Loan Creation" form with the following fields:

- Customer Name**: Text input with placeholder "Enter the Customer Name".
- Loan Amount**: Text input with placeholder "Enter the Loan Amount".
- Loan StartDate**: Text input with placeholder "Enter in Days".
- Payment Frequency**: Dropdown menu.
- Interest Rate Percentage**: Text input with placeholder "Enter the Interest Rate".
- Loan Repayment Duration**: Text input with placeholder "Enter in months".
- Payment Term**: Dropdown menu.

At the bottom of the form are two buttons: "Create Loan" (blue) and "Cancel" (red).

In this page you can create loan for a customer after creating a loan it will automatically generate payment schedule for this

## For Loan creation You have to provide this details:

- **Loan start Amount** - When you want to start loan payment amount .you can start same day also(interest is calculated from this day)
- **Loan Frequency** - You can pay monthly or quarterly or half-yearly or yearly payment
- **Loan Repayment Duration** - In how many months do you wish to pay the loan amount(minimum is one month)
- **Payment Term** - You can choose interest only or Even principle scheme based on your need.

# Loan Scheduler Create Loan Page Error Handling

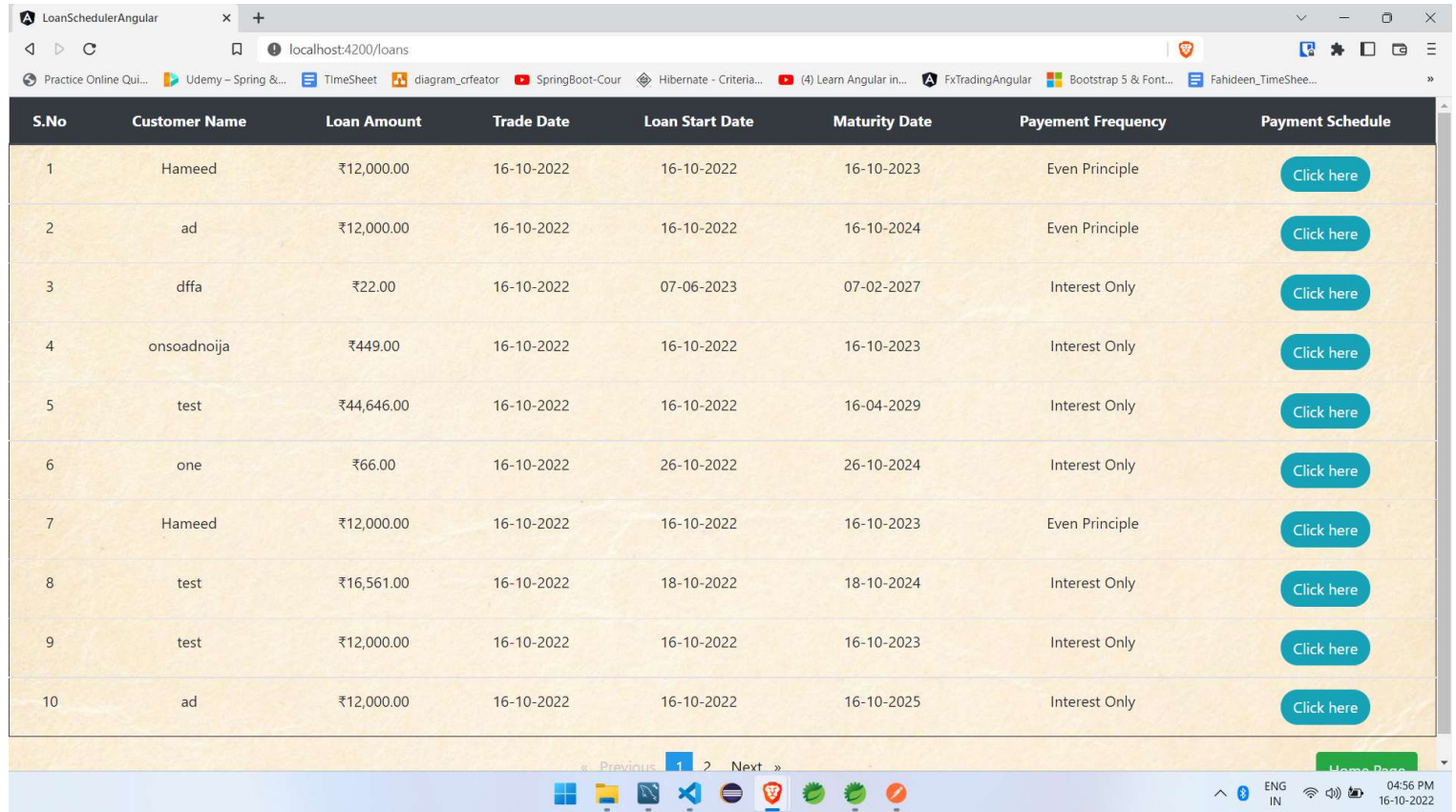
The screenshot shows a web browser window with the title 'LoanSchedulerAngular' and the address bar displaying 'localhost:4200/createloan'. The browser's tab bar shows several open tabs, including 'Practice Online Qui...', 'Udemy - Spring &...', 'TimeSheet', 'diagram\_crfeator', 'SpringBoot-Cour', 'Hibernate - Criteria...', '(4) Learn Angular in...', 'FxTradingAngular', 'Bootstrap 5 & Font...', and 'Fahideen\_TimeShee...'. The main content area displays a 'Loan Creation' form with the following fields and error messages:

- Customer Name:** Enter the Customer Name (Error: Customer Name is required)
- Loan Amount:** Enter the Loan Amount (Error: Loan Amount is required)
- Loan StartDate:** Enter in Days (Error: Loan StartDate is required)
- Payment Frequency:** (Error: Payment Term is required)
- Interest Rate Percentage:** Enter the Interest Rate (Error: Interest Rate is required)
- Loan Repayment Duration:** Enter in months (Error: Loan Repayment months is required)
- Payment Term:** (Error: Payment Term is required)

At the bottom of the form, there are two buttons: 'Create Loan' and 'Cancel'.

The Windows taskbar at the bottom shows the Start button, task view, and several application icons. The system tray on the right indicates the language is 'ENG IN', and the time is '04:44 PM' on '16-10-2022'.

# Loan Scheduler Loans Page



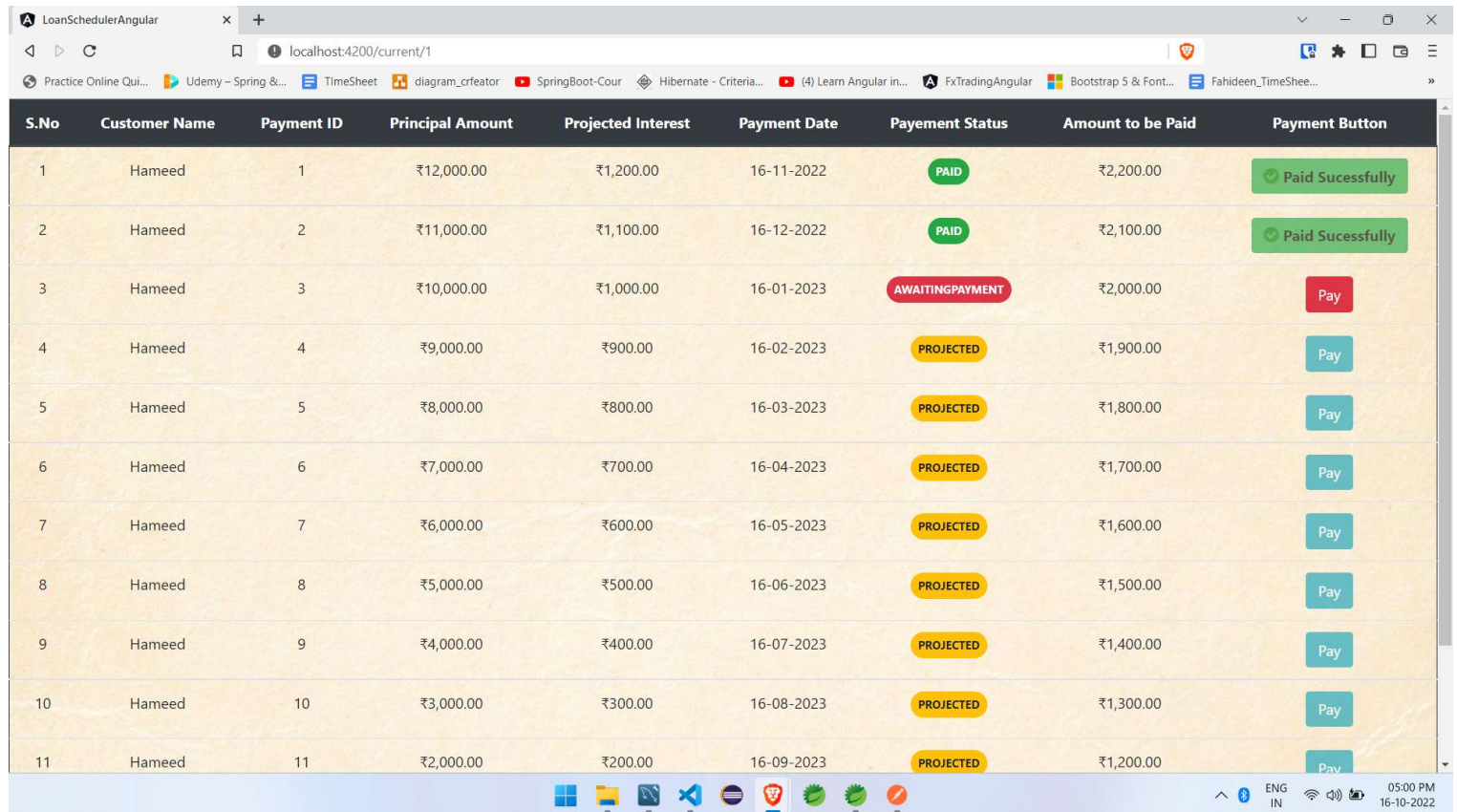
S.No	Customer Name	Loan Amount	Trade Date	Loan Start Date	Maturity Date	Payment Frequency	Payment Schedule
1	Hameed	₹12,000.00	16-10-2022	16-10-2022	16-10-2023	Even Principle	<a href="#">Click here</a>
2	ad	₹12,000.00	16-10-2022	16-10-2022	16-10-2024	Even Principle	<a href="#">Click here</a>
3	dffa	₹22.00	16-10-2022	07-06-2023	07-02-2027	Interest Only	<a href="#">Click here</a>
4	onsoadnoijja	₹449.00	16-10-2022	16-10-2022	16-10-2023	Interest Only	<a href="#">Click here</a>
5	test	₹44,646.00	16-10-2022	16-10-2022	16-04-2029	Interest Only	<a href="#">Click here</a>
6	one	₹66.00	16-10-2022	26-10-2022	26-10-2024	Interest Only	<a href="#">Click here</a>
7	Hameed	₹12,000.00	16-10-2022	16-10-2022	16-10-2023	Even Principle	<a href="#">Click here</a>
8	test	₹16,561.00	16-10-2022	18-10-2022	18-10-2024	Interest Only	<a href="#">Click here</a>
9	test	₹12,000.00	16-10-2022	16-10-2022	16-10-2023	Interest Only	<a href="#">Click here</a>
10	ad	₹12,000.00	16-10-2022	16-10-2022	16-10-2025	Interest Only	<a href="#">Click here</a>

## Example of How loans page will show

As you can see there are users with even principle scheme and interest only scheme.



# Loan Scheduler Selected user Even principle



S.No	Customer Name	Payment ID	Principal Amount	Projected Interest	Payment Date	Payment Status	Amount to be Paid	Payment Button
1	Hameed	1	₹12,000.00	₹1,200.00	16-11-2022	PAID	₹2,200.00	✔ Paid Sucessfully
2	Hameed	2	₹11,000.00	₹1,100.00	16-12-2022	PAID	₹2,100.00	✔ Paid Sucessfully
3	Hameed	3	₹10,000.00	₹1,000.00	16-01-2023	AWAITINGPAYMENT	₹2,000.00	Pay
4	Hameed	4	₹9,000.00	₹900.00	16-02-2023	PROJECTED	₹1,900.00	Pay
5	Hameed	5	₹8,000.00	₹800.00	16-03-2023	PROJECTED	₹1,800.00	Pay
6	Hameed	6	₹7,000.00	₹700.00	16-04-2023	PROJECTED	₹1,700.00	Pay
7	Hameed	7	₹6,000.00	₹600.00	16-05-2023	PROJECTED	₹1,600.00	Pay
8	Hameed	8	₹5,000.00	₹500.00	16-06-2023	PROJECTED	₹1,500.00	Pay
9	Hameed	9	₹4,000.00	₹400.00	16-07-2023	PROJECTED	₹1,400.00	Pay
10	Hameed	10	₹3,000.00	₹300.00	16-08-2023	PROJECTED	₹1,300.00	Pay
11	Hameed	11	₹2,000.00	₹200.00	16-09-2023	PROJECTED	₹1,200.00	Pay

We can see the payment schedule of the user when the payment pay comes disabled blue pay button will change to red color pay button now you are allowed to pay when user clicked pay button(AWAITING status) Page ask for confirmation ,after confirmation user can pay status will be changed

Customer Hameed If he choose even principle with amount of 12000 with monly payment with 10 percentage interest

# Example of pressing pay button

LoanSchedulerAngular

localhost:4200/current/1

Practice Online Qui... Udem... Spring &... TimeSheet diagram\_crfeator SpringBoot-Cour Hibernate - Criteria... (4) Learn Angular in... FXTradingAngular Bootstrap 5 & Font... Fahideen\_TimeShee...

S.No	Customer Name	Payment ID	Principal Amount	Projected Interest	Payment Date	Payment Status	Amount to be Paid	Payment Button
1	Hameed	1	₹12,000.00	₹1,200.00	16-11-2022	PAID	₹2,200.00	<div>✔ Paid Sucessfully</div>
2	Hameed	2	₹11,000.00	₹1,100.00	16-12-2022	PAID	₹2,100.00	<div>✔ Paid Sucessfully</div>
3	Hameed	3	₹10,000.00	₹1,000.00	16-01-2023	PAYMENT	₹2,000.00	<div>Pay</div>
4	Hameed	4	₹9,000.00	₹900.00	16-02-2023	PAYMENT	₹1,900.00	<div>Pay</div>
5	Hameed	5	₹8,000.00	₹800.00	16-03-2023	PAYMENT	₹1,800.00	<div>Pay</div>
6	Hameed	6	₹7,000.00	₹700.00	16-04-2023	PAYMENT	₹1,700.00	<div>Pay</div>
7	Hameed	7	₹6,000.00	₹600.00	16-05-2023	PAYMENT	₹1,600.00	<div>Pay</div>
8	Hameed	8	₹5,000.00	₹500.00	16-06-2023	PAYMENT	₹1,500.00	<div>Pay</div>
9	Hameed	9	₹4,000.00	₹400.00	16-07-2023	PROJECTED	₹1,400.00	<div>Pay</div>
10	Hameed	10	₹3,000.00	₹300.00	16-08-2023	PROJECTED	₹1,300.00	<div>Pay</div>
11	Hameed	11	₹2,000.00	₹200.00	16-09-2023	PROJECTED	₹1,200.00	<div>Pay</div>

!

Are you sure?

Your are paying Rs 2000.00

Yes, Pay!

Cancel

ENG IN 05:03 PM 16-10-2022

LoanSchedulerAngular localhost:4200/current/1

S.No	Customer Name	Payment ID	Principal Amount	Projected Interest	Payment Date	Payment Status	Amount to be Paid	Payment Button
1	Hameed	1	₹12,000.00	₹1,200.00	16-11-2022	PAID	₹2,200.00	Paid Successfully
2	Hameed	2	₹11,000.00	₹1,100.00	16-12-2022	PAID	₹2,100.00	Paid Successfully
3	Hameed	3	₹10,000.00	₹1,000.00	16-01-2023	PAID	₹2,000.00	Paid Successfully
4	Hameed	4	₹9,000.00	₹900.00	16-02-2023	PROJECTED	₹1,900.00	Pay
5	Hameed	5	₹8,000.00	₹800.00	16-03-2023	PROJECTED	₹1,800.00	Pay
6	Hameed	6	₹7,000.00	₹700.00	16-04-2023	PROJECTED	₹1,700.00	Pay
7	Hameed	7	₹6,000.00	₹600.00	16-05-2023	PROJECTED	₹1,600.00	Pay
8	Hameed	8	₹5,000.00	₹500.00	16-06-2023	PROJECTED	₹1,500.00	Pay
9	Hameed	9	₹4,000.00	₹400.00	16-07-2023	PROJECTED	₹1,400.00	Pay
10	Hameed	10	₹3,000.00	₹300.00	16-08-2023	PROJECTED	₹1,300.00	Pay
11	Hameed	11	₹2,000.00	₹200.00	16-09-2023	PROJECTED	₹1,200.00	Pay

Success!  
Your Payment is Accepted.  
OK

LoanSchedulerAngular localhost:4200/current/1

S.No	Customer Name	Payment ID	Principal Amount	Projected Interest	Payment Date	Payment Status	Amount to be Paid	Payment Button
1	Hameed	1	₹12,000.00	₹1,200.00	16-11-2022	PAID	₹2,200.00	Paid Successfully
2	Hameed	2	₹11,000.00	₹1,100.00	16-12-2022	PAID	₹2,100.00	Paid Successfully
3	Hameed	3	₹10,000.00	₹1,000.00	16-01-2023	PAID	₹2,000.00	Paid Successfully
4	Hameed	4	₹9,000.00	₹900.00	16-02-2023	PROJECTED	₹1,900.00	Pay
5	Hameed	5	₹8,000.00	₹800.00	16-03-2023	PROJECTED	₹1,800.00	Pay
6	Hameed	6	₹7,000.00	₹700.00	16-04-2023	PROJECTED	₹1,700.00	Pay
7	Hameed	7	₹6,000.00	₹600.00	16-05-2023	PROJECTED	₹1,600.00	Pay
8	Hameed	8	₹5,000.00	₹500.00	16-06-2023	PROJECTED	₹1,500.00	Pay
9	Hameed	9	₹4,000.00	₹400.00	16-07-2023	PROJECTED	₹1,400.00	Pay
10	Hameed	10	₹3,000.00	₹300.00	16-08-2023	PROJECTED	₹1,300.00	Pay
11	Hameed	11	₹2,000.00	₹200.00	16-09-2023	PROJECTED	₹1,200.00	Pay

As you can see Hameed's Third Payment is Paid successfully



Same Customer Hameed if he choose Interest only principle with amount of 12000 with monly payment with 10 percentage interest

1	Hameed	133	₹12,000.00	₹1,200.00	16-11-2022	PROJECTED	₹2,200.00	Pay
2	Hameed	134	₹11,000.00	₹1,100.00	16-12-2022	PROJECTED	₹2,100.00	Pay
3	Hameed	135	₹10,000.00	₹1,000.00	16-01-2023	PROJECTED	₹2,000.00	Pay
4	Hameed	136	₹9,000.00	₹900.00	16-02-2023	PROJECTED	₹1,900.00	Pay
5	Hameed	137	₹8,000.00	₹800.00	16-03-2023	PROJECTED	₹1,800.00	Pay
6	Hameed	138	₹7,000.00	₹700.00	16-04-2023	PROJECTED	₹1,700.00	Pay
7	Hameed	139	₹6,000.00	₹600.00	16-05-2023	PROJECTED	₹1,600.00	Pay
8	Hameed	140	₹5,000.00	₹500.00	16-06-2023	PROJECTED	₹1,500.00	Pay
9	Hameed	141	₹4,000.00	₹400.00	16-07-2023	PROJECTED	₹1,400.00	Pay
10	Hameed	142	₹3,000.00	₹300.00	16-08-2023	PROJECTED	₹1,300.00	Pay
11	Hameed	143	₹2,000.00	₹200.00	16-09-2023	PROJECTED	₹1,200.00	Pay
12	Hameed	144	₹1,000.00	₹100.00	16-10-2023	PROJECTED	₹1,100.00	Pay