

JPP GatiShakti Daily Progress

21 Dec 2022

Started designing the front page of JPP Project.



Front end was not connected to backend at this stage. No admin panel.

22 Dec 2022

First 2 Set of APIs received from PMS Cris team

SMS API & Station Distance API. Both API implemented in PHP at server.

```
$content = grant_type=client_credentials ,
$authorization = base64_encode("$this->client_id:$this->client_secret");
$header = array("Authorization: Basic {$authorization}", "Content-Type: application/x-www-form-urlencoded");

$curl = curl_init();
curl_setopt_array($curl, array(
    CURLOPT_URL => $this->token_url,
    CURLOPT_HTTPHEADER => $header,
    CURLOPT_SSL_VERIFYPEER => false,
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_POST => true,
    CURLOPT_POSTFIELDS => $content
));
$response = curl_exec($curl);

curl_close($curl);

$access_token = json_decode($response)->access_token;

// step B - with the returned access_token we can make as many calls as we want

$ch = curl_init();

curl_setopt($ch, CURLOPT_URL, 'https://gw.crisapis.indianrail.gov.in/t/pms.cris.in/pmsIPdist/1.0/getCoachInf');
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($ch, CURLOPT_CUSTOMREQUEST, 'GET');

$headers = array();
$headers[] = 'Accept: */*';
$headers[] = 'Content-Type: application/json';
$headers[] = 'Authorization: Bearer '.$access_token;
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);

$result = curl_exec($ch);
if (curl_errno($ch)) {
    echo 'Error:' . curl_error($ch);
}
curl_close($ch);

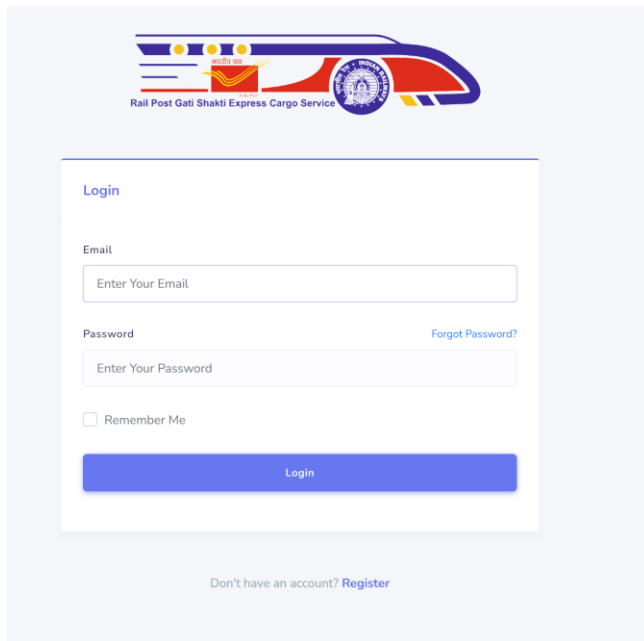
//return rtrim(substr($result,30),"}");//gavthi method
//coachInflatedRouteDistance
return json_decode($result)->coachInflatedRouteDistance;
```

23 Dec 2022

Both APIs were integrated in JPP App using cURL logic and were able send SMS successfully
Distance API worked correctly in app and it was working perfectly for any 2 station distance.

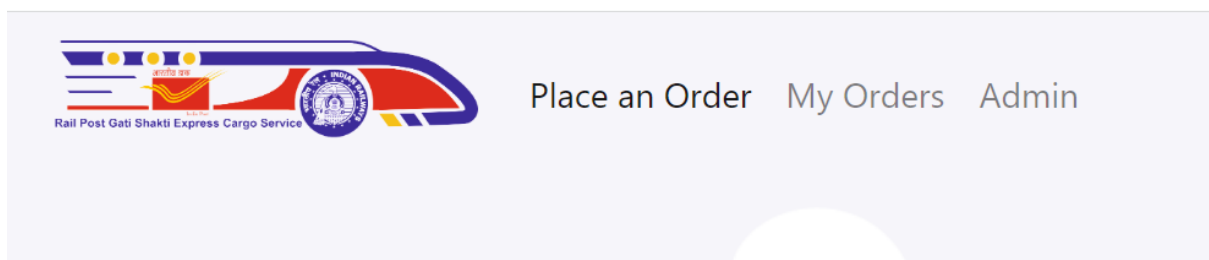
```
public function test(){  
    return $this->pms_distance('CCG','VR');  
    return $this->pms_sms('9004499888','123456789','5000');  
}
```

26 Dec 2022




The screenshot shows the login interface for the Rail Post Gati Shakti Express Cargo Service. At the top, there is a logo featuring a train and the text "Rail Post Gati Shakti Express Cargo Service". Below the logo is a "Login" section with a white background and a blue border. It contains an "Email" field with the placeholder "Enter Your Email", a "Password" field with the placeholder "Enter Your Password", and a "Remember Me" checkbox. A "Forgot Password?" link is located next to the password field. A blue "Login" button is at the bottom of the login section. Below the login section, there is a link that says "Don't have an account? Register".

Worked on the logic of Login page and user registration page. Login controller was made with email as username. Home Design redirected after login.



Worked on Navbar and to have all menus on transparent layout.

27 Dec 2022



Customer Registration

Name:*	Email:*
<input type="text" value="Enter your name"/>	<input type="text" value="Enter your email"/>
Phone:*	GSTIN Number:
<input data-bbox="271 683 351 728" type="text" value="+91"/> <input type="text" value="Enter your phone"/>	<input type="text" value="AAAAA0000A"/>
Aadhar Number:	PAN Number:
<input type="text" value="123456781234"/>	<input type="text" value="ABCTY1234D"/>
Password :*	Password Confirmation:*
<input type="text" value="Enter your password"/>	<input type="text" value="Confirm your password"/>

Registration page was developed and deployed with User model creation and linking it to Orders Table where user id will be foreign key to User Table.

28 Dec 2023

Navbar implemented for Amin Panel. Work started for admin panel

Both Post office and Railway Super admin side nav designed and linked.



Dashboard



Post Office



Orders



Users



Categories



Couriers Payouts

REPORTS



Orders by Date



Orders by Postman



Orders by Customer

SETTINGS



General Settings



App Settings

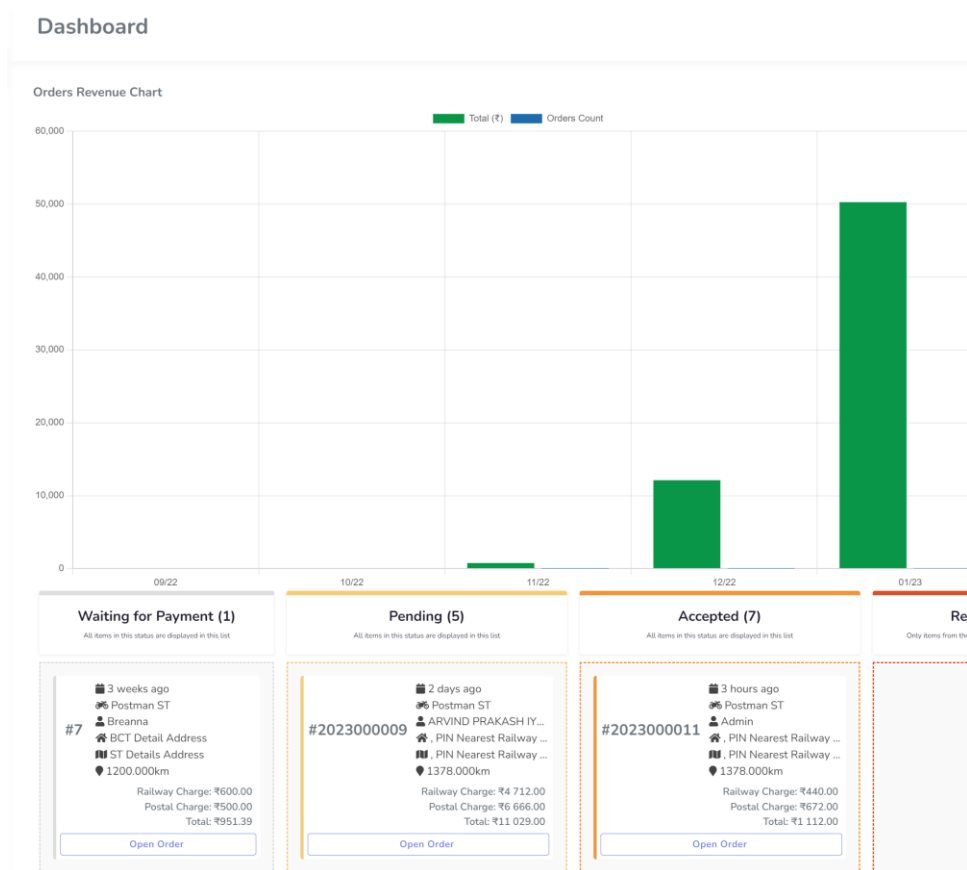


Pricing

29 Dec 2023

Dashboard Page with flowcharts were implemented. All states were captured by admin.

Admin given absolute power for changing the state at anytime.



30 Dec 2023

Worked on Freight calculation on local database given by Nilesh sir. Ratetable and mastertable were provided by Nilesh sir.

	id	scale	from_distance	upto_distance	slab_10	slab_20	slab_30	slab_40	slab_50	slab_60	slab_70	slab_80	slab_90	slab_100
<input type="checkbox"/> Edit Copy Delete	1	L	1.00	50.00	7.38	14.76	22.15	29.53	36.91	44.29	51.67	59.06	66.44	73.82
<input type="checkbox"/> Edit Copy Delete	2	L	51.00	60.00	7.91	15.82	23.73	31.64	39.56	47.47	55.38	63.29	71.20	79.11
<input type="checkbox"/> Edit Copy Delete	3	L	61.00	70.00	8.44	16.88	25.31	33.75	42.19	50.63	59.07	67.50	75.94	84.38
<input type="checkbox"/> Edit Copy Delete	4	L	71.00	80.00	8.97	17.93	26.90	35.86	44.83	53.80	62.76	71.73	80.69	89.66
<input type="checkbox"/> Edit Copy Delete	5	L	81.00	90.00	9.49	18.99	28.48	37.97	47.47	56.96	66.45	75.94	85.44	94.93
<input type="checkbox"/> Edit Copy Delete	6	L	91.00	100.00	10.06	20.11	30.17	40.22	50.28	60.33	70.39	80.44	90.50	100.55

2 Jan – 13 Jan

Detail Dashboard activities were implemented on following topics in stipulated period of time. Can be seen after login with admin credentials.

- Post Office
- Orders
- Users
- Categories

- Couriers Payouts
- REPORTS
- Orders by Date
- Orders by Postman
- Orders by Customer
- SETTINGS
- General Settings
- App Settings
- Pricing
- Payments API
- Notifications
- Roles
- Permissions
- Currency
- Offline Payment Methods
- Legal
- Orders
- Export Print Reset Reload

16th Jan 2023

Confirm Order page was finally completed and its final page to give confirmation to post and user

Order Progress

1

Approval by DoP

2

Payment Method

3

Order Confirmation

Your order details will be shared with Indian Post
for Approval of Pickup and drop

Step 1

Order placed

Step 2

Approval & Payment

Step 3

Postal Pickup

Step 4

Railway Tracking

Step 5

Postal Delivery

Next

Order Recap

Postal Charges (GST incl.)	₹ 666
Railway Freight (GST incl.)	₹ 436
Insurance Amount (GST incl.)	₹ 0
Total Amount to be Paid	₹ 1102

Customer Details

Name	Admin
Email	admin@admin.com
Phone	
GST	abctd
Aadhar	121212

Delivery Details

Pickup Location	PIN -
Drop Location	PIN -
Concern Railway Station	From ST To BSB
Railway Distance	1378.21 Kms.
Commodity	PERISHABLE PARCEL 111 Kgs.
Estimated Delivery	27-01-2023

17th Jan 2023

One page design was made in the front page.

Freight calculations were fetched from Local server at this stage.

Rail Post Gati Shakti Express Cargo Service

[Check Service Availability Here](#)

From Station **PIN Code** **Address Details**


Enter Commodity Details **Weight of Parcel (Kg)**

To Station **PIN Code** **Address Details**

[Calculate Fare](#)

How it works:

- First Mile - Your location to Nearest Post**
We find the Post office closest to your pick-up locations! Your parcel will be collected by postman. You will be given a tracking number for your belongings.
- Middle Mile - Post office to Railways**
Your order is received by Post office and then it is moved to nearest railway station. Journey of your parcel starts by Railways.
- Last mile - Delivered to your location**
Post office will take care of the parcel from railway station to your chosen destination. That's how it works!
- Tracking Parcel all the way**
Your parcel is in safe hands. No need to worry. You can track all the details on the go using Tracking number.



Calculated fare as per Standard Rate

Description	Pick Up Facility	Drop Facility	Both Pick up and Drop Facility
Postal Charge	182.88	182.88	274.56
Railway Freight	286.16	286.16	286.16
Development Amount	5.72	5.72	5.72
GST Amount	23.74	23.74	28.32
Total	₹ 498.5	₹ 498.5	₹ 590.18 <small>18.6% Discount</small>


☒ Select Pick-Up Only
☒ Select Drop Only
☒ Select Both Pickup and Drop

18th Jan 2023

- But ED/SPI sir told the design to change layout so need to change the design accordingly also api came for OD pair.

19th Jan 2023 :

Design Changed as per instruction of ED/SPI sir and new design as follows


[Place an Order](#)
[My Orders](#)
[Admin](#)

[Hello, Admin Logout](#)

Rail Post Gati Shakti Express Cargo Service

Booking Details

From Area **To Area**

Pickup Required ☒ **Date & Time of Service**

Pickup Address **PIN** **Delivery Details** **PIN**

[Check Availability](#)


Commodity Details [19045 | ST --> BSB]

Select Major Commodity

Commodity Details **Approx value of Commodity(Rs)**

No. of packages **Avg Wt/Parcel** **Total Weight**

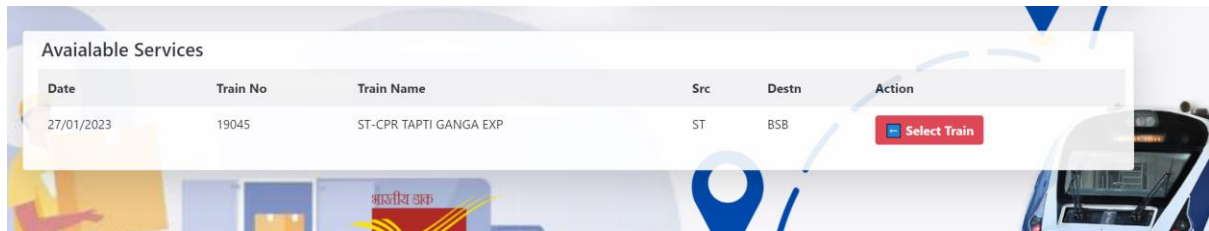
[Calculate Fare](#)



20th Jan 2023 – Worked on JPP OD List API given by CRIS and implemented It on server. Integration due.

21st JAN 2023 :

JPP OD Pair API changed and new API implemented with Station between stations.



The screenshot shows a web interface with a table titled 'Available Services'. The table has columns for Date, Train No, Train Name, Src, Destn, and Action. A single row is visible for the date 27/01/2023, with Train No 19045 and Train Name ST-CPR TAPTI GANGA EXP. The Source is ST and the Destination is BSB. An action button labeled 'Select Train' is present in the Action column.

Date	Train No	Train Name	Src	Destn	Action
27/01/2023	19045	ST-CPR TAPTI GANGA EXP	ST	BSB	Select Train

22nd JAN 2023 :

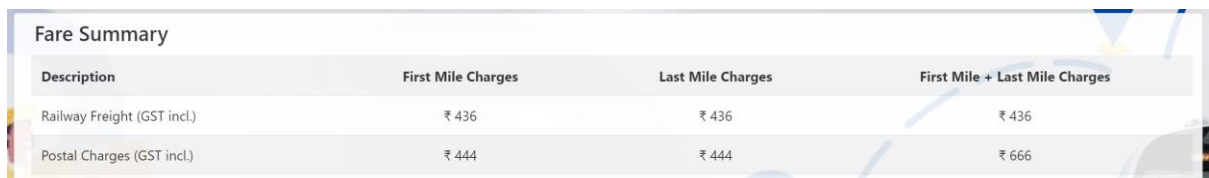
SBI Payment Gateway was explained by CRIS and tried to implement version of it.

```
cntxpthapp https://parcel.indianrail.gov.  
transid A1289  
rlycode NR  
transamount 1  
ipamount 1  
railwayamount 1  
srcstn ST  
dstnstn BSB  
first_mile_chrg 10  
first_mile_gst 1.05  
last_mile_chrg 20  
last_mile_gst 2.05  
first_last_mile_chrg 0  
first_last_mile_gst 0  
insurance_chrg 11  
insurance_gst 1.78  
jpp_request_no JP6513006061  
uuid 1.78  
apptype Test  
Submit
```

23rd JAN 2023 :

Worked on JPP Freight calculation API version 1 where basic freight rates were displayed.

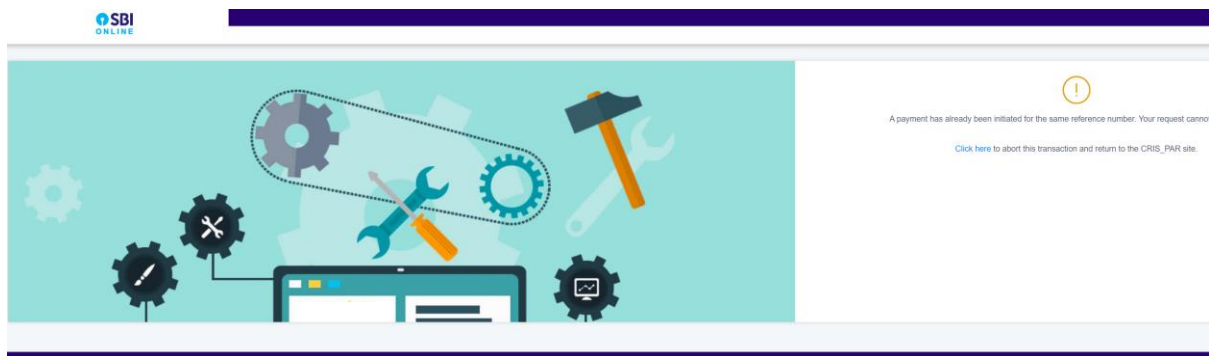
Freight rates coming from PMS server at this point.



The screenshot shows a 'Fare Summary' table with four columns: Description, First Mile Charges, Last Mile Charges, and First Mile + Last Mile Charges. There are two rows of data: 'Railway Freight (GST incl.)' and 'Postal Charges (GST incl.)'.

Description	First Mile Charges	Last Mile Charges	First Mile + Last Mile Charges
Railway Freight (GST incl.)	₹ 436	₹ 436	₹ 436
Postal Charges (GST incl.)	₹ 444	₹ 444	₹ 666

SBI Redirection worked for the first time but no response from SBI as server down



24th JAN 2023:

Version 2 of JPP Freight calculation was given in the evening at 6. Again made changes to SrcZONE and DestZONE were include in distance API

My order was implemented properly with more clarity.

Order Summary

✓ Order ID #2023000011 [Payment Link not available](#)

Date: 27 January 2023 07:18:34

Postal Approval	✓ Accepted
Payment	⌚ Pending
Order Status	⌚ Pending

Distance: 1378.000 km

Total: ₹1 112.00

[Track Order](#)
[Make Payment](#)
[Cancel Order](#)

✓ Order ID #2023000008 [Payment Link not available](#)

Date: 23 January 2023 11:41:34

Postal Approval	✓ Accepted
Payment	⌚ Pending
Order Status	⌚ Pending

Distance: 1378.000 km

Total: ₹3 098.00

[Track Order](#)
[Make Payment](#)
[Cancel Order](#)

25th JAN 2023:

Version 3 of JPP Freight calculation was given on 25th JAN at around 9.44 pm. Again I have to make changes to front end desing and backed design as insurance component was calculated in the new version along with separate gst rates and username password filed.

Fare Summary			
Description	First Mile Charges	Last Mile Charges	First Mile + Last Mile Charges
Railway Freight (GST incl.)	₹ 436	₹ 436	₹ 436
Postal Charges (GST incl.)	₹ 444	₹ 444	₹ 666
Insurance (GST incl.)	₹ 0	₹ 0	₹ 0
Total Charges	₹ 880	₹ 880	₹ 1102 41% Discount
Select Your Choice	Select Pick-Up Only Select Drop Only Select Both Pickup and Drop		

27th JAN 2023:

Implemented changes given by CRIS team. Added username and consignor email address in API.

```
{ "UserID": "gpalve@gmail.com", "Consignor": "BEJOY", "StnFrm": "ST", "StnTo": "BSB", "RequestID": ""  
{}, "RlyFrghTWithGST": "1964", "RlyFrghT": "1870", "RlyFrghTGST": "93.5", "RlyRate": "373.94", "FirstMileWithGST": "2000", "FirstMile": "1905.0",  
"140.0001", "InsuranceWithGST": "35", "Insurance": "29.999998", "InsuranceGST": "5.4" }
```

As per instruction of ED/SPI sir , tried availability of Train for next 10 days. But problem was API need to call 10 times to get data so need to have single API which will tell availability for next 10 Days.

Remarks: Very frequent changes by Team CRIS in API. Need to change entire logic time and again.

Need to finalize API structure so API can be implemented in project.