API Documentation

Points to Remember

Here are the key points to remember:

- **Base URL**: https://api.bigship.in/
- **API Endpoint**: api/login/user
- **Full URL Construction**: Combine the **Base URL** and **API Endpoint** to form the Full URL.

Example:

- **Full URL**: https://api.bigship.in/api/login/user

Whenever constructing the full URL, use the same pattern:

Full URL = Base URL + API Endpoint

API Support: **If you have any doubts, please feel free to contact us at** **apisupport@bigship.in** **and CC your Sales POC.**

API Rate Limiting:

To ensure fair usage and optimal performance, our API has a rate limit of 100 requests per minute per IP address. If this limit is exceeded, additional requests will be denied until the rate limit window resets.

Example:

If your application makes 101 requests within a single minute from the same IP address, the 101st request and any subsequent requests within that minute will receive a rate limit error response.

Error Response

When the rate limit is exceeded, the API will respond with a `429 Too Many Requests` status code.

Table of Contents

Table of Modification Logs

Version	Date	Name	Description
2.	30/07/2024	1. Security Implement - API Rate Limit	1. Added the API Rate Limit of 100 requests per minute per IP address
3.	01/09/2024	1. New API Addition – Rate Calculator 2. Bug Fix – Add Single and Heavy Order 3. API Modification - Get Shipping Rates List	1. Added a new API for both shipment_category B2B and B2C. 2. We fixed the issue of consignee last name mapping while adding order (Single and Heavy). Now it is visible on panel. 3. We add a new key as pickup_charge in response of the

			API - Get Shipping Rates List for shipment_category B2B.
4.	11/10/2024	1. New API Addition – Get Tracking Detail 2. API Modification – Get Courier List	1. Added a new API for both tracking_type LRN and AWB. 2. We have introduced some new courier in shipment_category b2b and b2c.
5.	28/10/2024	1. API Validation Modification – Add Heavy Order	1. We have modified the validation of ewaybill_number for shipment_category b2b.
6.	21/12/2024	1. Add Scan Status Detail 2. Modification – List of Risk Type	1. We have added the list of possible scan_status for Tracking API 2. We have removed the "ThirdPartyInsurance" as the RiskType.
7.	27/03/2025	1. API Validation Modification – Add Warehouse API	1. We have modified validation of address_line1 and address_line2
8.	01/05/2025	1. New API Addition – Get Warehouse List API	1. Added a new API to get existing warehouse list pagination wise
9.	28/05/2025	1. API Modification – Calculate Rates API	1. We have added a new key as courier_id in response of the API – Calculate Rates API for both B2B and B2C shipment_cateogry
10.	04/07/2025	1. API Modification – Get Courier List API	1. We have added two new key as courier_status and admin_status in the response of the API – Get Courier List API for both B2B and B2C shipment_cateogry. 2. We have modified some courier_id with respect to their courier_name.

1. API to Login / Generate Token

Purpose: This API is used to generate token which is used to access other outbound API.

Http Method: POST

API Endpoint: api/login/user

Payload:

Body Parameter

{
"user_name": "dummy@gmail.com",
"password": "12BUG&*fnuv",
"access_key":"6e2ac11edab7145109d4cb6cf214c4e1nhj878bbh99f690a1bdc5227632987813"
}

Variable Name	Data Type	Required	Description
user_name	string	Yes	Your Bigship Login user_name
password	string	Yes	Your Bigship Login Password
access_key	string	Yes	Your Access_Key

Note: The expiration time of the generated Token is 12 hours as of now.

Response

1: When the user is login successfully || Successful

{
  "data": {
    "token":
"eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJuYW1laWQiOiI2MjU0MDY2MCIsInVuaXF1ZV9uYW1lIjoi
dGVzdGluZ0BiaWdzaGlwLmluIiwiYJKuyuNzX3Rva2VuX2lkIjoiZDU1MGVhODY3ZmU4NDFhNmZlZjRkM
zdiNTM4ZDg3OWViMDczMzU2MjBkNzMwYmRkMzRhNGI5M2U5ZDU5ZTJjYiIsIm5iZiI6MTcxNTQxMD
g3OSwiZXhwIjoxNzE1NDc3NDc5LCJpYXQiOjE3MTU0MTA4Nzl9.ESlXFQHArDvmHWDc-
TMv9WYwAToe7QlGTQnAKFBTHbuZvgM80J_ssK5nxfpkxSoVOHocrj7qTmDgngvSW1oksw"
  },
  "success": true,
  "message": "Token Generated Successfully",
  "responseCode": 200
}

2: When the user is not exists

   {
     "data": null,
    "success": false,
   "message": "User not found.",
     "responseCode": 0
   }

3: When the user entered wrong password

   {

```
      "data": null,
      "success": false,
      "message": "Wrong password",
      "responseCode": 0
  }
```

4: When the user entered wrong access_key

```
  {
     "data": null,
     "success": false,
     "message": "Invalid Access Key",
     "responseCode": 401
  }
```

2. API to Get Payment Category

Purpose: This API is used to get payment category.

Http Method: GET

API Endpoint: api/payment/category?shipment_category=b2c

Headers:

Content-Type: application/json

Authorization: Bearer {token}

Payload:

Query Parameter

```
shipment_category = b2c or b2b
```

Variable Name	Data Type	Required	Description
shipment_category	string	Yes	• Default value of shipment_category is **b2c** • It can be b2c or b2b. • It can be b2c for Single Box Shipment • It can be b2b for Multiple Box Shipment

==**Note: shipment_category can be b2c and b2b**==

Response

1: When shipment_category is b2c || Successful

```
{
   "data": [
```

```
    {
        "payment_category": "COD",
        "status": true
    },
    {
        "payment_category": "Prepaid",
        "status": true
    }
  ],
  "success": true,
  "message": "Sucessed!!!",
  "responseCode": 200
}
```

2: When shipment_category is b2b || Successful

```
{
  "data": [
    {
        "payment_category": "COD",
        "status": true
    },
    {
        "payment_category": "Prepaid",
        "status": true
    },
    {
        "payment_category": "ToPay",
        "status": true
    }
  ],
  "success": true,
  "message": "Sucessed!!!",
  "responseCode": 200
}
```

3: When shipment_category is other than b2c or b2b

```
{
  "data": null,
  "success": false,
  "message": "Invalid shipment_category. Only shipment_category: b2c and b2b are allowed.",
```

```
    "responseCode": 202
}
```

3. API to Get Courier List

Purpose: This API is used to get courier list.

Http Method: GET

API Endpoint: api/courier/get/all?shipment_category=b2c

Headers:

Content-Type: application/json

Authorization: Bearer {token}

Payload:

Query Parameter

```
shipment_category = b2c or b2b
```

Variable Name	Data Type	Required	Description
shipment_category	string	Yes	• Default value of `shipment_category` is **b2c** • It can be b2c or b2b. • It can be b2c for Single Box Shipment • It can be b2b for Multiple Box Shipment

Note: shipment_category can be b2c and b2b

Response

1: When shipment_category is b2c || Successful

```
{
  "data": [
    {
      "shipment_category": "b2c",
      "courier_id": 1,
      "courier_name": "Delhivery",
      "courier_type": "Surface",
      "courier_status": true,
      "admin_status": true

    },
    {
      "shipment_category": "b2c",
```

```
        "courier_id": 2,
        "courier_name": "Ekart Surface",
        "courier_type": "Air",
        "courier_status": true,
        "admin_status": true


    }
  ],
  "success": true,
  "message": "",
  "responseCode": 200
}
```

2: When shipment_category is b2b || Successful

```
{
  "data": [
    {
        "shipment_category": "b2b",
        "courier_id": 15,
        "courier_name": "LTL Delhivery",
        "courier_type": "Surface",
        "courier_status": true,
        "admin_status": true


    },
    {
        "shipment_category": "b2b",
        "courier_id": 41,
        "courier_name": "LTL MOVIN",
        "courier_type": "Surface",
        "courier_status": true,
        "admin_status": true
    },
    {
        "shipment_category": "b2b",
        "courier_id": 54,
        "courier_name": "LTL MOVIN AIR",
        "courier_type": "Air",
        "courier_status": true,
        "admin_status": true


    }
  ],
  "success": true,
  "message": "",
```

```
  "responseCode": 200
}
```

3: When shipment_category is other than b2c or b2b

```
{
  "data": null,
  "success": false,
  "message": "Invalid shipment_category. Only shipment_category: b2c and b2b are allowed.",
  "responseCode": 202
}
```

4. API to Get Current Wallet Balance

Purpose: This API is used to get the current wallet balance.

Http Method: GET

API Endpoint: api/Wallet/balance/get

Headers:

Content-Type: application/json

Authorization: Bearer {token}

Payload: Not Required

Response

```
{
  "data": "20854.61",
  "success": true,
  "message": "success",
  "responseCode": 200
}
```

5. API to Add Warehouse

Purpose: This API is used to add warehouse.

Http Method: POST

API Endpoint: api/warehouse/add

Headers:

Content-Type: application/json

Authorization: Bearer {token}

Payload:

Body Parameter

```
{
 "address_line1": "H-No 188, Near Green View Doon",
 "address_line2": "Malsi",
 "address_landmark": "Sinola",
 "address_pincode": 248009,
 "contact_number_primary": "9998887772",
}
```

Variable Name	Data Type	Required	Description
address_line1	string	Yes	• address_line1 must be between 10 and 50 characters • Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
address_line2	string		• address_line2 cannot exceed 50 characters • Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
address_landmark	string		• address_landmark cannot exceed 50 characters • Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
address_pincode	string	Yes	• It should be a 6-digit numeric code
contact_number_primary	string	Yes	• contact_number_primary must be a 10-digit number • It can be start with 6, 7, 8, or 9.

Response

1: When the warehouse is added successfully || Successful

```
{
  "data": {
    "contact_person_name": "Big Enterprises",
    "company_name": "Big Enterprises",
    "warehouse_id": 44156,
    "address_line1": "H-No 188, Near Green View Doon",
    "address_line2": "Malsi",
    "address_landmark": "Sinola",
    "address_pincode": 248009,
    "address_city": "Dehradun",
    "address_state": "UTTARAKHAND",
```

```
    "address_country": "India",
    "address_email_id": "testing@bigship.in",
    "contact_number_primary": "9998887772"
  },
  "success": true,
  "message": "success",
  "responseCode": 200
}
```

2: When the warehouse is not added successfully || Unsuccessful

```
{
  "data": null,
  "success": false,
  "message": "fail",
  "responseCode": 200
}
```

6. API to Add Single Order

Purpose: This API is used to add Single Order.

Http Method: POST

API Endpoint: api/order/add/single

Headers:

      Content-Type: application/json

      Authorization: Bearer {token}

Payload:

Body Parameter

```
{
 "shipment_category": "b2c",
 "warehouse_detail": {
 "pickup_location_id": 44156,
  "return_location_id": 43932
 },
 "consignee_detail": {
  "first_name": "Preeti",
  "last_name": "Verma",
  "company_name": "",
  "contact_number_primary": "8889998889",
  "contact_number_secondary": "9998889998",
  "email_id": "",
```

```
  "consignee_address": {
    "address_line1": "Near Green View Doon",
    "address_line2": "Malsi",
    "address_landmark": "Sinola",
    "pincode": "248001"
  }
},
"order_detail": {
  "invoice_date": "2024-04-15T05:23:49.651Z",
  "invoice_id": "TE45",
  "payment_type": "COD",
  "shipment_invoice_amount": 3000,
  "total_collectable_amount": 300,
  "box_details": [
    {
      "each_box_dead_weight":1,
      "each_box_length": 10,
      "each_box_width": 1,
      "each_box_height": 30,
      "each_box_invoice_amount": 3000,
      "each_box_collectable_amount": 300,
      "box_count":1,
      "product_details": [
        {
          "product_category": "Others",
          "product_sub_category": "PINS",
          "product_name": "cloth",
          "product_quantity": 1,
          "each_product_invoice_amount": 2000,
          "each_product_collectable_amount": 200,
          "hsn": ""
        },
        {
          "product_category": "Others",
          "product_sub_category": "PINS",
          "product_name": "cloth",
          "product_quantity": 1,
          "each_product_invoice_amount": 1000,
          "each_product_collectable_amount": 100,
          "hsn": ""
        }
      ]
    }
  ],
  "ewaybill_number": "",
```

```
"document_detail": {
  "invoice_document_file": "",
  "ewaybill_document_file": ""
}
}
}
```

Variable Name	Data Type	Required	Description
shipment_category	enum	Yes	• It is B2C.
pickup_location_id	long	Yes	• It is the warehouse_id which is getting while creating warehouse by using the **Add Warehouse API** which is describe in the 5th point. • If the warehouse is already added then you can get the pickup_location_id which is the warehouse_id of the **API to Get Warehouse List** which is describe in the 18th point. • pickup_location_id must be greater than 0
return_location_id	long	Yes	• It is the warehouse_id which is getting while creating warehouse by using the **Add Warehouse API** which is describe in the 5th point. • If the warehouse is already added then you can get the return_location_id which is the warehouse_id of the **API to Get Warehouse List** which is describe in the 18th point. • return_location_id must be greater than 0
first_name	string	Yes	• first_name must be between 3 and 25 characters • Only Alphabets, dots(.) and spaces are allowed.
last_name	string	Yes	• last_name must be between 3 and 25 characters • Only Alphabets, dots(.) and spaces are allowed.
company_name	string	No	• company_name cannot exceed 50 characters

			• Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
contact_number_primary	string	Yes	• contact_number_primary must be between 10 and 12 characters • It can be start with 0,6, 7, 8, or 9.
contact_number_secondary	string	No	• contact_number_secondary must be between 10 and 12 characters • It can be start with 0,6, 7, 8, or 9.
email_id	string	No	• It should be valid email_id.
address_line1	string	Yes	• address_line1 must be between 10 and 50 characters • Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
address_line2	string	No	• address_line2 cannot exceed 50 characters • Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
address_landmark	string	No	• address_landmark cannot exceed 50 characters • Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
pincode	string	Yes	• It should be a 6-digit numeric code
invoice_date	DateTime	Yes	• It should be in UTC time Format
invoice_id	string	Yes	• invoice_id must be between 1 and 25 characters • Only Alphabets, number and some special characters are allowed • Special characters like - /
payment_type	enum	Yes	• Only 'COD' and 'Prepaid' is allowed • The value should be taken from **Payment Category API** which is describe in the 2nd point.
shipment_invoice_amount	decimal	Yes	• Invoice Amount must be greater than 0 • shipment_invoice_amount should be equal to the total of each_box_invoice_amount * box_count

total_collectable_amount	decimal	No	• For Prepaid payment_type, total_collectable_amount must be 0 • For COD payment_type, total_collectable_amount must be greater than 0 • total_collectable_amount must be equal to or less than shipment_invoice_amount • totalCollectableAmount should be equal to the total of each_box_collectable_amount * box_count
each_box_dead_weight	decimal	Yes	• each_box_dead_weight is required and must be greater than 0 • the unit of this is in kg.
each_box_length	int	Yes	• each_box_length is required and must be greater than 0 • the unit of this is in cm
each_box_width	int	Yes	• each_box_weight is required and must be greater than 0 • the unit of this is in cm
each_box_height	int	Yes	• each_box_height is required and must be greater than 0 • the unit of this is in cm
each_box_invoice_amount	decimal	Yes	• each_box_invoice_amount is required and must be greater than 0 • each_box_invoice_amount should be equal to the total of sum of all each_product_invoice_amount
each_box_collectable_amount	decimal	No	• For Prepaid payment_type, each_box_collectable_amount must be 0 • For COD payment_type, each_box_collectable_amount must be greater than 0 • each_box_collectable_amount should be equal to the total of sum of all each_product_collectable_amount
box_count	int	Yes	• box_count is required and must be greater than 0 • Total box_count should be 1 for shipment_category B2C
product_category	enum	Yes	• The value should be taken from **List of Product Category** which is describe in the 10th point.

product_sub_category	string	No	• Only Alphabets, spaces and some special characters are allowed. • Special characters like - , /
product_name	string	Yes	• Only Alphabets, spaces and some special characters are allowed. • Special characters like - , /
product_quantity	int	Yes	• Product quantity must be greater than 0
each_product_invoice_amount	decimal	Yes	• each_product_invoice_amount must be greater than 0 for shipment_category B2C
each_product_collectable_amount	decimal	No	• For Prepaid payment_type, each_product_collectable_amount must be 0. • For COD payment_type, each_product_collectable_amount must be greater than 0.
hsn	string	No	• Only Numbers are allowed
ewaybill_number	string	No	• Only alphabet and numbers are allowed. • It must be between 12 and 15 characters.
invoice_document_file	string	No	• Only PDF or JPEG base 64 string in Data URI Format is allowed.
ewaybill_document_file	string	No	• Only PDF or JPEG base 64 string in Data URI Format is allowed.

NOTE

```
"box_details": [
 {
  "each_box_dead_weight": 0,
  "each_box_length": 0,
  "each_box_width": 0,
  "each_box_height": 0,
  "each_box_invoice_amount": 0,
  "each_box_collectable_amount": 0,
  "box_count": 0,
  "product_details": [
   {
     "product_category": "Accessories",
     "product_sub_category": "string",
     "product_name": "string",
     "product_quantity": 0,
     "each_product_invoice_amount": 0,
     "each_product_collectable_amount": 0,
```

```
        "hsn": "string"
      }
    ]
  }
]
```

box_details –

- box_details should have exactly one array of data for shipment_category B2C.

We have modified our request payload by adding two new fields:

1. **each_product_invoice_amount:** This field has been added to specify the invoice amount for each product.

2. **each_product_collectable_amount:** This field has been added to specify the collectable amount for each product.

Response

1: When the order is added successfully|| Successful

```
{
  "data": "system_order_id is 1000252960",
  "success": true,
  "message": "Order Added Successfully !!!",
  "responseCode": 200
}
```

7. API to Manifest Single Order

Purpose: This API is used to manifest Single Order.

Http Method: POST

API Endpoint: api/order/manifest/single

Headers:

Content-Type: application/json

Authorization: Bearer {token}

Payload:

Body Parameter

```
{
  "system_order_id": 1000252960,
```

"courier_id": 2
}

Variable Name	Data Type	Required	Description
system_order_id	long	Yes	• This is the system_order_id which is getting by adding a single order by using **Add Single Order API** which is described in the 6th point.
courier_id	int	No	• Enter the specific courier_id through which you want to manifest your order • The serviceable courier_id should be taken from **Get Shipping Rates API** which is described in the 11th point.

Response

1: When the order is manifest successfully|| Successful

{
   "data": null,
   "success": true,
   "message": "Completed Successfully!!!",
   "responseCode": 200
}

2: When the courier_id does not belong to shipment_category B2C
{
   "data": null,
   "success": false,
   "message": "The requested courier_id 15 does not belong to shipment_category b2c.",
   "responseCode": 0
}

3: When the system_order_id does not belong to shipment_category B2C
{
   "data": null,
   "success": false,
   "message": "The requested system_order_id 1000253353 does not belong to shipment_category b2c",
   "responseCode": 0
}

8. API to Get AWB, Label and Manifest
Purpose: This API is used to download label, manifest and get AWBs.

Http Method: POST

API Endpoint: api/shipment/data?shipment_data_id=1&system_order_id=1000252329

Headers:

Content-Type: application/json

Authorization: Bearer {token}

Payload:

Query Parameter

shipment_data_id = 1
system_order_id = 1000252329

Variable Name	Data Type	Required	Description
shipment_data_id	int	Yes	• It should be 1, 2 or 3. • It is 1 for AWB • It is 2 for download Label • It is 3 for download manifest
system_order_id	string	Yes	• This is the system_order_id which is getting by adding a single order by using **Add Single Order API** which is described in the 6th point.

Response

1: When the shipment_data_id = 1 || Successful

```
{
  "data": {
    "courier_id": "1",
    "courier_name": "Delhivery",
    "lr_number": null,
    "master_awb": "17079311845535"
  },
  "success": true,
  "message": "Successfully Completed",
  "responseCode": 200
}
```

2: When the shipment_data_id = 2 || Successful

```
{
  "data": {
    "res_FileName": "Label_17079311845535",
```

    "res_FileContent":
"JVBERi0xLjQNCiW0tba3DQolDQoxIDAgb2JqDQo8PA0KL1R5cGUgL0NhdGFsb2cNCi9QYWdlcyAyIDAg
Ug0KL0Rlc3RzIDMgMCBSDQovUGFnZUxheYNCg==",
    "res_MediaType": "application/pdf",
    "res_PrintFor": "label"
  },
  "success": true,
  "message": "Label Generated Successfully",
  "responseCode": 200
}

3: When the shipment_data_id = 3 || Successful

{
  "data": {
    "res_FileName": "BS_Manifest_10885_Sunday_2024526",
    "res_FileContent":
"JVBERi0xLjQNCiW0tba3DQolDQoxIDAgb2JqDQo+Pg0KDQpzdGFydHhyZWYNCjkxMDk1DQolJUVPRg0
K",
    "res_MediaType": "application/pdf",
    "res_PrintFor": "label"
  },
  "success": true,
  "message": "Manifest Generated Successfully",
  "responseCode": 200
}

9. API to Cancel AWB

Purpose: This API is used to cancel the AWBs.

Http Method: PUT

API Endpoint: api/order/cancel

Headers:

> Content-Type: application/json

> Authorization: Bearer {token}

Payload:

Body Parameter

```
[
"17079311845535"
]
```

Variable Name	Data Type	Required	Description

17079311845535	List<string>	Yes	• This contains all the awbs which you want to cancel.

Response

1: When the AWB is cancelled successfully || Successful

```
{
   "data": [
     {
        "courier_id": 1,
        "master_awb": "17079311845535",
        "cancel_response": "Successfully Cancelled"
     }
   ],
   "success": true,
   "message": "Successfully Processed",
   "responseCode": 200
}
```

2: When the AWB is already cancelled or get an issue at the time of AWB cancellation

```
{
   "data": [
     {
        "courier_id": 1,
        "master_awb": "17079311845535",
        "cancel_response": "Cancellation Request is not Accepted"
     }
   ],
   "success": true,
   "message": "Successfully Processed",
   "responseCode": 200
}
```

3: When the requested AWB is not exists

```
{
   "data": null,
   "success": false,
   "message": "AWBs Not Found",
   "responseCode": 404
}
```

10. List of Product Category

Below is the list of all product categories:

1. Accessories
2. FashionClothing
3. BookStationary
4. Electronics
5. FMCG
6. Footwear
7. Toys
8. SportsEquipment
9. Others
10. Wellness
11. Medicines

Date: 17-July-2024

11. API to Get Shipping Rates List

Purpose: This API is used to get the list of of shipping charges according to the courier for both shipment_category B2C and B2B.

Http Method: GET

API Endpoint:

For shipment_category B2C:
/api/order/shipping/rates?shipment_category=B2C&system_order_id=1000253342

For shipment_category B2B: /api/order/shipping/rates?shipment_category=B2B&system_order_id=1000253349&risk_type=OwnerRisk

Headers:

Content-Type: application/json

Authorization: Bearer {token}

Payload:

Query Parameter

shipment_category = B2C or B2B
system_order_id = 1000253291
risk_type = OwnerRisk or CarrierRisk

Variable Name	Data Type	Required	Description
shipment_category	string	Yes	• It can be b2c or b2b. • It can be b2c for Single Box Shipment • It can be b2b for Multiple Box Shipment
system_order_id	long	Yes	• This is the system_order_id which is getting by adding a single order by using **Add Single Order API** which is described in the 6th point or by adding a heavy order by using **Add Heavy Order API** which is described in the 12th point. • We are getting the list of courier rates against this system_order_id
risk_type	string	No	• For shipment_category B2C, risk_type is not required. • But for shipment_category B2B, risk_type is required and if the key is not passed then the default risk_type is OwnerRisk. • It's value should be taken from **List of Risk Type** which is describe in the 14th point.

Response

1: When this system_order_id is belong to the shipment_category b2c|| Successful

```
{
  "data": [
    {
      "system_order_id": 1000253342,
      "courier_id": 2,
      "courier_name": "Ekart Surface",
      "risk_type_name": null,
      "total_shipping_charges": 96.00,
      "freight_charge": 96.00,
      "cod_charge": 0.00,
      "other_additional_charges": null
    },
    {
      "system_order_id": 1000253342,
      "courier_id": 38,
      "courier_name": "XpressBees Surface 1Kg",
      "risk_type_name": null,
```

```
        "total_shipping_charges":  108.00,
        "freight_charge": 108.00,
        "cod_charge": 0.00,
        "other_additional_charges": null
    }
  ],
  "success": true,
  "message": "OK",
  "responseCode": 200
}
```

2: When this system_order_id is belong to the shipment_category b2b|| Successful

```
{
  "data": [
    {
        "system_order_id": 1000253349,
        "courier_id": 15,
        "courier_name": "LTL Delhivery",
        "risk_type_name": "owner_risk",
        "total_shipping_charges":  789.70,
        "freight_charge": 576.70,
        "cod_charge": 0.00,
        "other_additional_charges": {
          "risk_type_charge": 33.00,
          "lr_cost": 80.00,
          "green_tax": 100.00,
          "handling_charge": 0.00,
          "to_pay": 0.00,
          "oda": 0.00,
          "warai_charge": 0.0,
          "state_tax": 0.0,
          "odc_charge": 0.0,
          "pickup_charge": 0.0
        }
    },
    {
        "system_order_id": 1000253349,
        "courier_id": 54,
        "courier_name": "LTL MOVIN AIR",
        "risk_type_name": "owner_risk",
        "total_shipping_charges": 4805.25,
        "freight_charge": 4690.25,
        "cod_charge": 0.00,
        "other_additional_charges": {
            "risk_type_charge": 25.00,
```

```
        "lr_cost": 50.00,
        "green_tax": 40.00,
        "handling_charge": 0.00,
        "to_pay": 0.00,
        "oda": 0.00,
        "warai_charge": 0.0,
        "state_tax": 0.0,
        "odc_charge": 0.0,
        "pickup_charge": 0.0
      }
    }
  ],
  "success": true,
  "message": "OK",
  "responseCode": 200
}
```

12.   API to Add Heavy Order

Purpose: This API is used to add Heavy Order.

Http Method: POST

API Endpoint: api/order/add/heavy

Headers:

      Content-Type: application/json

      Authorization: Bearer {token}

Payload:

Body Parameter

```
{
 "shipment_category": "b2b",
 "warehouse_detail": {
 "pickup_location_id": 44250,
  "return_location_id": 44250
 },
 "consignee_detail": {
  "first_name": "Preeti",
  "last_name": "Verma",
  "company_name": "",
  "contact_number_primary": "6782212764",
```

```
    "contact_number_secondary": "8882212481",
   "email_id": "",
   "consignee_address": {
    "address_line1": "Near Green View Doon",
    "address_line2": "Malsi",
    "address_landmark": "Sinola",
    "pincode": "248001"
  }
 },
 "order_detail": {
  "invoice_date": "2024-08-07T05:23:49.651Z",
  "invoice_id": "JH567",
  "payment_type": "Prepaid",
  "total_collectable_amount": 0,
  "shipment_invoice_amount": 1000,
  "box_details": [
   {
    "each_box_dead_weight":1,
    "each_box_length": 10,
    "each_box_width": 1,
    "each_box_height": 30,
    "each_box_invoice_amount": 0,
    "each_box_collectable_amount": 0,
    "box_count":1,
    "product_details": [
     {
      "product_category": "Others",
      "product_sub_category": "PINS",
      "product_name": "cloth",
      "product_quantity": 1,
      "each_product_invoice_amount": 0,
      "each_product_collectable_amount": 0,
      "hsn": ""
     }
    ]
   },
   {
    "each_box_dead_weight":2,
    "each_box_length": 20,
    "each_box_width": 2,
    "each_box_height": 40,
    "each_box_invoice_amount": 0,
    "each_box_collectable_amount": 0,
    "box_count":1,
    "product_details": [
```

```
              {
                "product_category": "Others",
                "product_sub_category": "PINS",
                "product_name": "cloth",
                "product_quantity": 1,
                "each_product_invoice_amount": 0,
                "each_product_collectable_amount": 0,
                "hsn": ""
              }
            ]
          }
        ],
        "ewaybill_number": "",
        "document_detail": {
          "invoice_document_file": "data:image/jpeg;base64,/9j/4AAQSk",
          "ewaybill_document_file": ""
        }
      }
    }
}
```

Variable Name	Data Type	Required	Description
shipment_category	enum	Yes	• It is B2B.
pickup_location_id	long	Yes	• It is the warehouse_id which is getting while creating warehouse by using the **Add Warehouse API** which is describe in the 5th point. • If the warehouse is already added then you can get the pickup_location_id which is the warehouse_id of the **API to Get Warehouse List** which is describe in the 18th point. • pickup_location_id must be greater than 0
return_location_id	long	Yes	• It is the warehouse_id which is getting while creating warehouse by using the **Add Warehouse API** which is describe in the 5th point. • If the warehouse is already added then you can get the return_location_id which is the warehouse_id of the **API to Get Warehouse List** which is describe in the 18th point. • return_location_id must be same as pickup_location_id

first_name	string	Yes	• first_name must be between 3 and 25 characters • Only Alphabets and dots(.) are allowed.
last_name	string	Yes	• last_name must be between 3 and 25 characters • Only Alphabets and dots(.) are allowed.
company_name	string	No	• company_name cannot exceed 50 characters • Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
contact_number_primary	string	Yes	• contact_number_primary must be between 10 and 12 characters • It can be start with 0,6, 7, 8, or 9.
contact_number_secondary	string	No	• contact_number_secondary must be between 10 and 12 characters • It can be start with 0,6, 7, 8, or 9.
email_id	string	No	• It should be valid email_id.
address_line1	string	Yes	• address_line1 must be between 10 and 50 characters • Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
address_line2	string	No	• address_line2 cannot exceed 50 characters • Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
address_landmark	string	No	• address_landmark cannot exceed 50 characters • Only Alphanumeric, spaces and some special characters are allowed. • Special characters like ' . , - /
pincode	string	Yes	• It should be a 6-digit numeric code
invoice_date	DateTime	Yes	• It should be in UTC time Format
invoice_id	string	Yes	• invoice_id must be between 1 and 25 characters • Only Alphabets, number and some special characters are allowed • Special characters like - /
payment_type	enum	Yes	• Only 'COD', 'Prepaid' and 'ToPay' is allowed

			• The value should be taken from **Payment Category API** which is describe in the 2nd point.
shipment_invoice_amount	decimal	Yes	• shipment_invoice_amount must be greater than 0 • shipment_invoice_amount should be equal to the total of each_box_invoice_amount * box_count
total_collectable_amount	decimal	No	• For Prepaid payment_type, total_collectable_amount must be 0 • For COD payment_type, total_collectable_amount must be greater than 0 • total_collectable_amount must be equal to or less than shipment_invoice_amount • totalCollectableAmount should be equal to the total of each_box_collectable_amount * box_count
each_box_dead_weight	decimal	Yes	• each_box_dead_weight is required and must be greater than 0 • the unit of this is in kg.
each_box_length	int	Yes	• each_box_length is required and must be greater than 0 • the unit of this is in cm
each_box_width	int	Yes	• each_box_weight is required and must be greater than 0 • the unit of this is in cm
each_box_height	int	Yes	• each_box_height is required and must be greater than 0 • the unit of this is in cm
each_box_invoice_amount	decimal	No	• each_box_invoice_amount must be 0 for shipment_category B2B
each_box_collectable_amount	decimal	No	• each_box_collectable_amount must be 0 for shipment_category B2B
box_count	int	Yes	• box_count is required and must be greater than 0 • Total box_count should be 1 or greater than 1 for shipment_category B2B.
product_category	enum	Yes	• The value should be taken from List of Product Category which is describe in the 10th point.
product_sub_category	string	No	• Only Alphabets, spaces and some special characters are allowed.

			• Special characters like - , /
product_name	string	Yes	• Only Alphabets, spaces and some special characters are allowed. • Special characters like - , /
product_quantity	int	Yes	• Product quantity must be greater than 0
each_product_invoice_amount	decimal	No	• each_product_invoice_amount must be 0 for shipment_category B2B
each_product_collectable_amount	decimal	No	• each_product_collectable_amount must be 0 for shipment_category B2B
hsn	string	No	• Only Numbers are allowed
ewaybill_number	string	No	• It is required if shipment_invoice_amount >= 50000 in case of shipment_category b2b. • Only numbers are allowed. • It must be between 12 characters.
invoice_document_file	string	Yes	• It is required for shipment_category b2b • Only PDF or JPEG base 64 string in Data URI Format is allowed.
ewaybill_document_file	string	No	• It is required if shipment_invoice_amount >= 50000 in case of shipment_category b2b. • Only PDF or JPEG base 64 string in Data URI Format is allowed.

NOTE

```
"box_details": [
 {
  "each_box_dead_weight": 0,
  "each_box_length": 0,
  "each_box_width": 0,
  "each_box_height": 0,
  "each_box_invoice_amount": 0,
  "each_box_collectable_amount": 0,
  "box_count": 0,
  "product_details": [
   {
    "product_category": "Accessories",
    "product_sub_category": "string",
```

```
    "product_name": "string",
    "product_quantity": 0,
    "each_product_invoice_amount": 0,
   "each_product_collectable_amount": 0,
    "hsn": "string"
   }
  ]
 }
]
```

box_details –

- box_details should have at least one array of data for shipment_category B2B.

We have modified our request payload by adding two new fields:

1. **each_product_invoice_amount:** This field has been added to specify the invoice amount for each product.

2. **each_product_collectable_amount:** This field has been added to specify the collectable amount for each product.

Response

1: When the order is added successfully|| Successful

```
{
   "data": "system_order_id is 1000253312",
   "success": true,
   "message": "Order Added Successfully !!!",
   "responseCode": 200
}
```

13.   API to Manifest Heavy Order

Purpose: This API is used to manifest Heavy Order.

Http Method: POST

API Endpoint: api/order/manifest/heavy

Headers:

Content-Type: application/json

Authorization: Bearer {token}

Payload:

Body Parameter

```
{
 "system_order_id": 1000253352,
 "courier_id": 15,
 "risk_type": "OwnerRisk"
}
```

Variable Name	Data Type	Required	Description
system_order_id	long	Yes	• This is the system_order_id which is getting by adding a heavy order by using **Add Heavy Order API** which is described in the 12th point.
courier_id	int	Yes	• Enter the specific courier_id through which you want to manifest your order • The serviceable courier_id should be taken from **Get Shipping Rates API** which is described in the 11th point.
risk_type	string	No	• For shipment_category B2C, risk_type is not required. • But for shipment_category B2B, risk_type is required. • It's value should be taken from **List of Risk Type** which is describe in the 14th point. • Default risk_type is OwnerRisk.

Response

1: When the order is manifest successfully|| Successful

```
{
   "data": null,
   "success": true,
   "message": "Completed Successfully!!!",
   "responseCode": 200
}
```

2: When the courier_id does not belong to shipment_category B2B
```
{
   "data": null,
```

```
   "success": false,
   "message": "The requested courier_id 2 does not belong to shipment_category b2b.",
   "responseCode": 0
}
```

3: When the system_order_id does not belong to shipment_category B2B

```
{
   "data": null,
   "success": false,
   "message": "The requested system_order_id 1000253355 does not belong to shipment_category b2b",
   "responseCode": 0
}
```

4: When the courier_id is not serviceable or off in courier priority

```
{
   "data": null,
   "success": false,
   "message": "This courier_id : 15 is not serviceable at this time. Kindly choose another courier_id",
   "responseCode": 0
}
```

5: When the risk_type is other than the List of Risk Type

```
{
   "data": null,
   "success": false,
   "message": "Only OwnerRisk and CarrierRisk is allowed for risk_type",
   "responseCode": 0
}
```

6: When the entered risk_type is not allowed for the entered courier_id

```
{
   "data": null,
   "success": false,
   "message": "risk_type : CarrierRisk is not allowed for the courier_id 53.Kindly either change your courier_id or risk_type.",
   "responseCode": 0
}
```

14.   List of Risk Type

Below is the list of all risk types:

1. OwnerRisk
2. CarrierRisk

15. API to Calculate Rates

Purpose: This API is used to calculate rates for both shipment_category b2b and b2c.

Http Method: POST

API Endpoint: api/calculator

Headers:

Content-Type: application/json

Authorization: Bearer {token}

Payload:

Body Parameter

```
{
 "shipment_category": "B2C",
 "payment_type": "COD",
 "pickup_pincode": 110092,
 "destination_pincode": 110092,
 "shipment_invoice_amount": 1000,
 "risk_type": "",
 "box_details": [
  {
   "each_box_dead_weight": 10,
   "each_box_length": 1,
   "each_box_width": 1,
   "each_box_height": 1,
   "box_count": 1
  }
 ]
}
```

box_details –

- box_details should have exact one array of data for shipment_category B2C.
- box_details should have at least one array of data for shipment_category B2B.

Variable Name	Data Type	Required	Description
shipment_category	enum	Yes	• It can be b2c or b2b. • It can be b2c for Single Box Shipment • It can be b2b for Multiple Box Shipment
payment_type	enum	Yes	• Only 'COD' and 'Prepaid' is allowed for shipment_category B2C. • Only 'COD', 'Prepaid' and 'ToPay' is allowed for shipment_category B2B. • The value should be taken from **Payment Category API** which is describe in the 2nd point.
pickup_pincode	long	Yes	• It should be a 6-digit numeric code.
destination_pincode	long	Yes	• It should be a 6-digit numeric code.
shipment_invoice_amount	decimal	Yes	• It should be a 6-digit numeric for shipment_category B2C • It should be a 7-digit numeric for shipment_category B2B
risk_type	string	No	• For shipment_category B2C, risk_type is not required and it should be empty. • But for shipment_category B2B, risk_type is required. • It's value should be taken from **List of Risk Type** which is describe in the 14th point.
each_box_dead_weight	decimal	Yes	• each_box_dead_weight is required and must be greater than 0
each_box_length	int	Yes	• each_box_length is required and must be greater than 0
each_box_width	int	Yes	• each_box_weight is required and must be greater than 0
each_box_height	int	Yes	• each_box_height is required and must be greater than 0
box_count	int	Yes	• box_count is required and must be greater than 0 • box_count should be 1 for shipment_category B2C.

			• box_count should be 1 or greater than 1 for shipment_category B2B.

Response

1: When the shipment_category is b2c|| Successful

```
{
   "data": [
     {
       "courier_id": 2,
        "courier_name": "Ekart Surface",
        "courier_type": "Air",
        "zone": "A",
        "tat": 1,
        "billable_weight": 10.0,
        "risk_type_name": null,
        "total_shipping_charges": 597.0,
        "courier_charge": 597.0,
        "other_additional_charges": null
     },
     {
       "courier_id": 4,
        "courier_name": "XpressBees",
        "courier_type": "Air",
        "zone": "A",
        "tat": 1,
        "billable_weight": 10.0,
        "risk_type_name": null,
        "total_shipping_charges": 1040.0,
        "courier_charge": 1040.0,
        "other_additional_charges": null      }
 ],
   "success": true,
   "message": "Successfully Completed",
   "responseCode": 200
}
```

2: When the shipment_category is b2b|| Successful

```
{
```

```json
"data": [
  {
    "courier_id": 15,
    "courier_name": "LTL Delhivery",
    "courier_type": "Surface",
    "zone": "N1-N1",
    "tat": 1,
    "billable_weight": 25.0,
    "risk_type_name": "owner_risk",
    "total_shipping_charges": 668.0,
    "courier_charge": 380.0,
    "other_additional_charges": {
      "risk_type_charge": 33.0,
      "lr_cost": 80.0,
      "green_tax": 100.0,
      "handling_charge": 0.0,
      "pickup_charge": 75.0,
      "state_tax": 0.0,
      "to_pay": 0.0,
      "oda": 0.0,
      "warai_charge": 0.0,
      "odc_charge": 0.0
    }
  },
  {
    "courier_id": 53,
    "courier_name": "LTL TCI Express",
    "courier_type": "Surface",
    "zone": "NORTH1-NORTH1",
    "tat": 7,
    "billable_weight": 20.0,
    "risk_type_name": "owner_risk",
    "total_shipping_charges": 670.0,
    "courier_charge": 355.0,
    "other_additional_charges": {
      "risk_type_charge": 125.0,
      "lr_cost": 90.0,
      "green_tax": 50.0,
      "handling_charge": 50.0,
      "pickup_charge": 0.0,
      "state_tax": 0.0,
      "to_pay": 0.0,
      "oda": 0.0,
      "warai_charge": 0.0,
      "odc_charge": 0.0
```

```
      }
    }
  ],
  "success": true,
  "message": "Successfully Completed",
  "responseCode": 200
}
```

3: When the pincode is invalid|| Unsuccessful

```
{
  "data": null,
  "success": false,
  "message": "Invalid pickup_pincode",
  "responseCode": 0
}
```

4: When the token is not valid|| Unsuccessful

```
{
  "data": null,
  "success": false,
  "message": "Unauthorized",
  "responseCode": 401
}
```

16. API to Get Tracking Details

Purpose: This API is used to get the tracking details for both tracking_type lrn and awb.

Http Method: GET

API Endpoint: /api/tracking?tracking_type=lrn&tracking_id=953064324001001

Headers:

> Content-Type: application/json

> Authorization: Bearer {token}

Payload:

Query Parameter

tracking_type = lrn or awb
tracking_id = 953064324001001

Variable Name	Data Type	Required	Description

tracking_type	string	Yes	• It can be lrn or awb
tracking_id	string	Yes	• This is the tracking_id which is getting by using **Get AWB, Label and Manifest API** which is described in the 8th point. • If tracking_type is lrn then tracking_id is lr_number from the response of the API **Get AWB, Label and Manifest API** • If tracking_type is awb then tracking_id is master_awb from the response of the API **Get AWB, Label and Manifest API**

Response

1: When tracking_type is lrn || Successfull

```
{
  "data": {
    "order_detail": {
      "courier_name": "XB LTL",
      "tracking_type": "lrn",
      "tracking_id": "953064324001001",
      "invoice_id": "d4c3b3dc-7a2f-4ab9-81e3-a",
      "order_manifest_datetime": "29-09-2024 15:53:47",
      "current_tracking_datetime": "29-09-2024 15:53:48",
      "current_tracking_status": "PICKUP SCHEDULED"
    },
    "scan_histories": [
      {
        "scan_datetime": "29-09-2024 15:53:48",
        "scan_status": "Pickup Scheduled",
        "scan_remarks": "Manifest Data Received",
        "scan_location": "DEL/SMH-TSP - New Delhi"
      }
    ]
  },
  "success": true,
  "message": "Record Successfully Fetched!!!",
  "responseCode": 200
}
```

2: When tracking_type is awb || Successfull

```
{
  "data": {
    "order_detail": {
      "courier_name": "XB LTL",
```

```
        "tracking_type": "awb",
        "tracking_id": "953064324001001",
        "invoice_id": "d4c3b3dc-7a2f-4ab9-81e3-a",
        "order_manifest_datetime": "29-09-2024 15:53:47",
        "current_tracking_datetime": "29-09-2024 15:53:48",
        "current_tracking_status": "PICKUP SCHEDULED"
      },
      "scan_histories": [
        {
          "scan_datetime": "29-09-2024 15:53:48",
          "scan_status": "Pickup Scheduled",
          "scan_remarks": "Manifest Data Received",
          "scan_location": "DEL/SMH-TSP - New Delhi"
        }
      ]
    },
    "success": true,
    "message": "Record Successfully Fetched!!!",
    "responseCode": 200
}
```

3: When there is no tracking history
```
{
    "data": {
      "order_detail": {
        "courier_name": "ECOM Express 0.5Kg",
        "tracking_type": "awb",
        "tracking_id": "3356912868",
        "invoice_id": "kmj80",
        "order_manifest_datetime": "09-10-2024  23:58:25",
        "current_tracking_datetime": "10-10-2024 00:04:34",
        "current_tracking_status": "CANCELLED"
      },
      "scan_histories": []
    },
    "success": false,
    "message": "No Tracking History Found!!!",
    "responseCode": 200
}
```

4: When the tracking_id is not found || Unsuccesfull
```
{
    "data": null,
    "success": false,
    "message": "No Record(s) Found",
```

```
   "responseCode": 404
}
```

5: When tracking_type is Invalid
```
{
  "data": null,
  "success": false,
  "message": "Invalid tracking_type. Only tracking_type: lrn and awb are allowed.",
  "responseCode": 202
}
```

17.   List of Scan Status in Tracking API

Below is the list of all possible tracking statuses for the **scan_status** field in the **Tracking API**

1. Pickup Scheduled
2. Not Picked
3. Cancelled
4. In-Transit
5. Out for Delivery
6. Delivered
7. Undelivered
8. RTO In Transit
9. RTO Delivered
10. Lost

18. API to Get Warehouse List Details

Purpose: This API is used to get the existing warehouse details.

Http Method: GET

API Endpoint: /api/warehouse/get/list?page_index=1&page_size=10

Headers:

> Content-Type: application/json
>
> Authorization: Bearer {token}

Payload:

Query Parameter

page_index = 1
page_size = 10

Variable Name	Data Type	Required	Description

page_index	int	Yes	• It should be greater than 0
page_size	int	Yes	• It should be greater than 0 and less than equals to 200.

Response

1: Successful

```json
{
    "data": {
        "result_count": 275,
        "result_data": [
            {
                "warehouse_id": 40007,
                "warehouse_name": "noida sector 13",
                "address_line1": "noida sector 16",
                "address_line2": null,
                "address_landmark": null,
                "address_pincode": "203135",
                "address_city": "BULANDSHAHR(UP)",
                "address_state": "UTTAR PRADESH",
                "warehouse_contact_person": "HITESH",
                "warehouse_contact_number_primary": "9998887778",
                "create_date": "2025-04-28T12:45:46.3196691"
            },
            {
                "warehouse_id": 40008,
                "warehouse_name": "testingstaging5454",
                "address_line1": "silver line apartment",
                "address_line2": "",
                "address_landmark": "",
                "address_pincode": "110011",
                "address_city": "DELHI",
                "address_state": "DELHI",
                "warehouse_contact_person": "ram singh",
                "warehouse_contact_number_primary": "9998887778",
                "create_date": "2025-04-30T13:21:06.6871417"
            }
        ]
    },
    "success": true,
    "message": "Warehouse Fetched Successfully",
    "responseCode": 200
}
```

2: When page_size is 201 || Unsuccessful

```
{
    "data": null,
    "success": false,
    "message": "Maximum 200 Records can be fetched at a time",
    "responseCode": 400
}
```

3: When page_index or page_size is 0 || Unsuccessful

```
{
    "data": null,
    "success": false,
    "message": "PageIndex and Page Size should be greater than Zero.",
    "responseCode": 400
}
```