

6/15/2022

AIRDUKA

LITTLE API DOCUMENT



APIs descriptions | Alex

PARCEL ESTIMATE

The parcel estimate endpoint `/getCostEstimateApi` returns a JSON which also includes the parcel delivery estimate cost.

METHOD: **GET**

x-www-form-urlencoded

{Params 1} **origins** {x,y}

{Params 2} **destinations** {x,y}

ENDPOINT: `{{API_DUKA_PROD}}/getCostEstimateApi`

SERVER RESPONSE

```
{
  "error": false,
  "message": "rate charge applicable found.",
  "estimate_charge": 150
}
```

BOOK REQUEST

The endpoint invokes a live parcel service request. The expected feedback is in JSON format that contains a unique reference to a TRIP i.e. Trip_ID.

METHOD: **POST**

ENDPOINT: `{{API_DUKA_PROD}}/little-book/`

{POST PAYLOAD}

```
{
  "driver_email": "21littledriver@gmail.com",
  "mobile_number": "254700928123",
  "name": "AirDuka User2",
  "picture": "https://",
  "parcel_size": "2",
  "recipient_name": "Joe Doe",
  "recipient_mobile": "254725239191",
  "recipient_addresss": "westlands heights, westlands road",
  "contact_name": "Joe Doe",
  "contact_mobile_number": "254725239191",
  "order_id": 12345,
  "delivery_notes": "order#12345 shipped to my doorstep",
  "pick_up_latlng": "-1.265955,36.805038",
  "pick_up_address": "My defined location",
  "drop_off_latlng": "-1.2648989,36.8372708",
  "drop_off_address": "Pangani shopping center, Nairobi, Kenya",
  "drop_offs": [],
  "estimate_cost": 120.00,
  "provider": "little"
}
```

```
}
```

CANCEL TRIP

A trip can be cancelled. The cancel trip endpoint is described as follows:

METHOD: **POST**

ENDPOINT: `{{API_DUKA_PROD}}/little-cancel/`

{POST PAYLOAD}

```
{
  "provider": "little",
  "trip_id": "47B3DE22-A76D-4C90-878C-A8B81CB4B8A6-2022-05",
  "reason": "AirDuka test"
}
```

SERVER RESPONSE

```
{
  "tripId": "47B3DE22-A76D-4C90-878C-A8B81CB4B8A6-2022-05",
  "message": "Trip Cancelled"
}
```

DEPLOYMENT

The said micro service requires the following installed on the production server.

Node.JS - refer to installation of NodeJS from <https://nodejs.org>

Express.JS – refer installation of ExpressJS from <https://expressjs.com>

Libraries {use the **package.json** to install the required application package}. This is as follows: from inside the app directory run command **npm install**

PM2 INSTALLATION

COMMAND: **sudo npm install pm2 -g**

This tool keeps the node micro-service up by restarting the application if it crashes. PM2 also restarts the node application every time the server is restarted and not forgetting the said tool keeps application logs of all unhandled exceptions.

Use the command below to run the PM2 as service

sudo env PATH=\$PATH:/usr/local/bin pm2 startup -u {PREFERRED_USER_NAME}