SAFE BODA PROMO CODES

API Specifications

V1

Contents

INTRODUCTION

About Promo codes

Promo codes are given out by safeboda worth a specific amount of money to people who use the safeboda app to go attend to the event with free rides.

Safeboda app

Safeboda API is only available for their software developer's team.

Supported Operations

- Generation of new Promo codes for events.
- Deactivate promo codes.
- Return active promo codes.
- Return all promo codes.
- Promo code validation.
- Create event data.

USING THE API

Prerequisites

To use the API you must be a software developer at safeboda working on the application.

Request Format

HTTP Headers

All requests must be submitted in json. Therefore, the following HTTP headers are required in all json requests. If these headers are not present the request may fail.

```
"Access-Control-Allow-Origin: *"
Content-Type: application/json; charset=UTF-8"
"Access-Control-Allow-Methods: POST"
"Access-Control-Max-Age: 3600"
"Access-Control-Allow-Headers: Content-Type, Access-Control-Allow-Headers,
Authorization, X-Requested-With"
```

Create promo code request

This enables the generation of a promo code that will be used by the safeboda customer to get a free ride to or from the event. All request for this feature must be sent to this URL
http://localhost/safe_boda/api/promocode/create.php

Request format

Below is the format of the json request.

```
{
    "amount": "15000",
    "radius": "2000",
```

```
    "promocode_status": "TRUE",
    "event":"wizkid concert kyadondo rugby grounds"
}
```

The table below describes the parameters which are unique to this request.

Parameter Name	Type	Opt	Description
amount	Int	Mandatory	This is the amount of money that is attached to the promocode.
radius	Int	Mandatory	This is in kilometers as whole value for example 15000 for 15km.
promocode_status	String	Mandatory	This can be set to either TRUE or FALSE. TRUE meaning the promocode is active and vice versa for FALSE
event	String	Mandatory	This is the event for the promocode it should be the same name used when creating the event which will be discussed later on.

Success response format

If your response was successful you get a response equivalent to the response below. An object with a message property and value that has the promocode that was created.

```
{"message":"promocode was created. 7LjowkSZ"}
```

Error response formats

If your request was not successful you shall get a response in the formats described below

Error code 400. That means there is something wrong with the data being sent to the API.

```
{"message":"Unable to create promocode. Data is incomplete."}
```

Error code 503. That means the API was unable to create the promocode

```
{"message":"Unable to create promocode."}
```

Configure radius

This enables configuring the radius on the promocode to desirable one. All requests must be submitted to this URL. http://localhost/safe_boda/api/promocode/configure_radius.php

Request format

Below is the format of the json request.

```
{
    "promocode": "7LjowkSZ",
    "radius": "2000"
}
```

The table below describes the parameters which are unique to this request.

Parameter name	Type	Opt	Description
Promocode	String		The code on the promocode
radius	Int		This the radius that is to be used

Success response format

If your response was successful you will a response equivalent to the response below. An object with a message property and value that has the promocode that was created.

```
{"message":"promocode radius was configured"}
```

Error response formats

If your request was not successful you shall get a response in the formats described below

Error code 400. That means there is something wrong with the data being sent to the API.

```
{"message":"Unable to configure promocode. Data is incomplete."}
```

Error code 503. That means the API was unable to create the promocode

```
{"message":"Unable to create promocode."}
```

Deactivate Promocode

This feature enables deactivating a specific promocode by setting its status value to FALSE. Using the promocode itself. All requests must be submitted to this URL
http://localhost/safe_boda/api/promocode/deactivate_promocode.php

Request format

Below is the format of the json request.

```
{
```

```
    "promocode": "7LjowkSZ"
}
```

The table below describes the parameters which are unique to this request.

Parameter name	Type	Opt	Description
Promocode	String		The code on the promocode

Success response format

If your response was successful you shall get a response equivalent to one below. An object with a message property and value that has the promocode that was created.

```
{"message":"promocode successfully deactivated"}
```

Error response formats

If your request was not successful you shall get a response in the formats described below

Error code 400. That means there is something wrong with the data being sent to the API.

```
{"message":"Unable to deactivate promocode. Data is incomplete."}
```

Error code 503. That means the API was unable to create the promocode.

Read all promocodes

This is for viewing all the promo codes that have been created. This is the URL
http://localhost/safe_boda/api/promocode/read.php.

No json is submitted to get this data but loading the URL.

Below is an example of how the json for reading all promocodes looks like

```
{"records":[{"amount":"15000","promocode":"2018-11-
20","radius":"15000","promocode_status":"0","created":"2018-11-20
13:00:25","event":""},{"amount":"15000","promocode":"2018-11-
20","radius":"15000","promocode_status":"T","created":"2018-11-20
13:01:44","event":""},{"amount":"15000","promocode":"2018-11-
20","radius":"15000","promocode_status":"TRUE","created":"2018-11-20
13:02:21","event":""},{"amount":"199555","promocode":"2","radius":"1000","promoco
de_status":"true","created":"2018-11-20 18:32:01","event":"tarus riley
```

concert"},{"amount":"20000","promocode":"","radius":"1000","promocode_status":"false","created":"2018-11-20 18:36:12","event":"tarus riley
concert"},{"amount":"15000","promocode":"heYTS67b","radius":"5000","promocode_status":"TRUE","created":"2018-11-21 15:47:53","event":"tarus riley
concert"},{"amount":"15000","promocode":"ep2qUthS","radius":"3000","promocode_status":"false","created":"2018-11-21 15:57:23","event":"tarus riley
concert"},{"amount":"15000","promocode":"YwxS78jH","radius":"2000","promocode_status":"TRUE","created":"2018-11-22 09:52:13","event":"wizkin concert kyadondo
rugby
grounds"},{"amount":"20000","promocode":"nY0GLOBB","radius":"2000","promocode_status":"TRUE","created":"2018-11-22 10:08:39","event":"wizkin concert kyadondo
rugby
grounds"},{"amount":"20000","promocode":"7LjowkSZ","radius":"8000","promocode_status":"TRUE","created":"2018-11-22 10:09:11","event":"wizkin concert kyadondo
rugby grounds"}]}

Response 404

{"message":"No promocodes found."}

This means that there are no promocodes currently.

Read one specific promocode

This is for reading only one promocode and its details. All requests to this feature are accessed via this URL. http://localhost/safe_boda/api/promocode/read_one.php.

Request format

Below is the format of the json request.

```
{
    "promocode": "7LjowkSZ"
}
```

The table below describes the parameters which are unique to this request.

Parameter name	Type	Opt	Description
Promocode	String	yes	The code on the promocode

Success response format

If your response was successful you will a response equivalent to the response below. An object with a message property and value that has the promocode that was created.

```
{"message":" promocode does not exist."}
```

Read active Promocodes

This is where all the active promocodes are returned. This doesn't require a json file but running the "read active Promocodes" link alone returns everything. Below is the link.http://localhost/safe_boda/api/promocode/read_active_promocodes.php

Success response format

If your response was successful you will get a response equivalent to one below. An object with a message property and value that has the promocode that was created.

```
{"active_promocodes":[{"amount":"15000","promocode":"2018-11-
20","radius":"15000","promocode_status":"TRUE","created":"2018-11-20
13:02:21","event":""},{"amount":"199555","promocode":"2","radius":"1000","promoco
de_status":"true","created":"2018-11-20 18:32:01","event":"tarus riley
concert"},{"amount":"15000","promocode":"heYTS67b","radius":"5000","promocode_sta
tus":"TRUE","created":"2018-11-21 15:47:53","event":"tarus riley
concert"},{"amount":"15000","promocode":"YwxS78jH","radius":"2000","promocode_sta
tus":"TRUE","created":"2018-11-22 09:52:13","event":"wizkin concert kyadondo
rugby
grounds"},{"amount":"20000","promocode":"nY0GLOBB","radius":"2000","promocode_sta
tus":"TRUE","created":"2018-11-22 10:08:39","event":"wizkin concert kyadondo
rugby
grounds"},{"amount":"20000","promocode":"7LjowkSZ","radius":"8000","promocode_sta
tus":"TRUE","created":"2018-11-22 10:09:11","event":"wizkin concert kyadondo
rugby grounds"}]}
```

Error response formats

If your request was not successful you shall get a response in the formats described below

That means there were no active promo codes found

```
{"message":" No Active promocodes found."}
```

Create Event

This is for creating events and capture their data. These are the ones where free rides are offered by bodaboda. Below is the URL where the request is submitted.

http://localhost/safe_boda/api/promocode/create_event.php

Request format

Below is the format of the json request.

```
{
    "event_name": "15000",
```

```
    "radius": "2000",
    "start_time": "TRUE",

    "end_time":"wizkid concert kyadondo rugby grounds",

    "date": "date"

}
```

The table below describes the parameters which are unique to this request.

Parameter name	Type	Opt	Description
event_name	String	Mandatory	The code on the promocode
radius	Int	Mandatory	This the radius that is to be used
start_time	String	Mandatory	When the promocodes become active
end time	String	Mandatory	When promocodes are deactivated
date	date	Mandatory	Date for the event

Error response formats

If your request was not successful you shall get a response in the formats described below

Error code 400. That means there is something wrong with the data being sent to the API.

```
{"message":" Unable to create event. Data is incomplete."}
```

Error code 503. That means the API was unable to create the promocode

```
{"message":" Unable to create event."}
```

Read events

This is the feature of the API to be able to read all available events and there details for example the location, event, event date, event start and end time. Below is the URL to access this feature

http://localhost/safe_boda/api/promocode/read_events.php

Below is the successful response from the API reading events details.

```
{"records":[{"event_name": wizkid concert","event_location":"lugogo cricket
oval","date":"2018-11-
21","start_time":"18:00","end_time":"22:00"},{"event_name":"tarus riley
concert","event_location":"kyadondo rugby grounds","date":"2018-11-
22","start_time":"18:00","end_time":"22:00"}]}
```

Validate promocode

This feature of the API is to make sure origin or destination is within the radius, make sure the promocode is still valid and returns promo code details and coordinates for the polyline.

The URL below is where validate promocode requests are submitted

http://localhost/safe_boda/api/promocode/validate_promocode.php.

Request format

Below is the format of the json request.

```
{

    "promocode": "7LjowkSZ",
    "origin_address"=: "bugolobi village mall",
    "destination_address": "cricket oval lugogo"


}
```

The table below describes the parameters which are unique to this request.

Parameter name	Type	Opt	Description
Promocode	String	mandatory	The code on the promocode
origin_address	String	Mandatory	Location Where the customer is coming from
Destination address	String	Mandatory	The location where customer with promocode is heading to for the event

Success response format

If your response was successful you will a response equivalent to the response below. An object with a message property and value that has the promocode that was created.

```
{"promocode":"heYTS67b","amount":"15000","radius":"5000","promocode_status":"TRUE
","event":"tarus riley
concert","destination_cordinates":{"lat":0.324791,"lng":32.607849},"origin_cordin
ates":{"lat":0.3259329,"lng":32.6040751}}
```

The table below describes the parameters for the response.

Parameter name	Type	Description
Promocode	String	The code on the promocode
amount	int	Location Where the customer is coming from
radius	int	The radius on the promocode(it's in kilometers)
promocode_status	string	It has to be true for the promocode to be active
Event	String	Name of the event

destination_cordinates	Float	This has the longitude and latitude of the destination address which together with the origin coordinates are used to generate the polyline between two locations
origin_cordinates	Float	This also has the longitude and latitude values of the origin address

Error response formats

If your request was not successful you shall get a response in the formats described below.

Error code 400. That means there is something wrong with the data being sent to the API.

```
{"message":" Unable to validate promocode. Data is incomplete."}
```

The error message below means that the promocode being validated is not active for use for a free ride

```
{"message":" promocode is not active}
```

The error message below indicates that either promo code being validated is expired or not yet set to be used as per the day for using it (the event date)

```
{"message":" The promo code expired or the event is not today}
```

The error message below indicates that either the origin address or the destination address is not within the radius set which invalidates the promocode until either one of them is set within the radius.

```
{"message":" Please make sure you are going to the event .you are not with in the
radius

}
```

Thank you

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