



The University of the West Indies

Department of Computing and Information Technology

Undergraduate Project Course

Weekly Status Report Template

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Project: Save Planet Earth

Date: 30/03/20

Iteration: 11.0

Implementation Status: Began algorithm for tracking of carbon emissions. Additionally, research is ongoing for the process in awarding points to users' profiles.

Highlights: Pages completed: Register/Login, Tasks/Challenges, Events and Articles and Contact Information.

1. TASKS AND CHALLENGES PAGE:

A **random green task** is generated for the user to complete when the button in blue is clicked. For example, the green task generated here is “Ride a bike instead of vehicle.” This earns the user one point where the more difficult **challenges** are worth five points each. These challenges are validated by use of the uploading of before and after pictures in a form.



Tasks

Click the button below to generate a random task. Each task is worth one point!

Generate a random daily task

Challenges

Complete challenges from the list below. Each challenge is worth 5 points! Goodluck



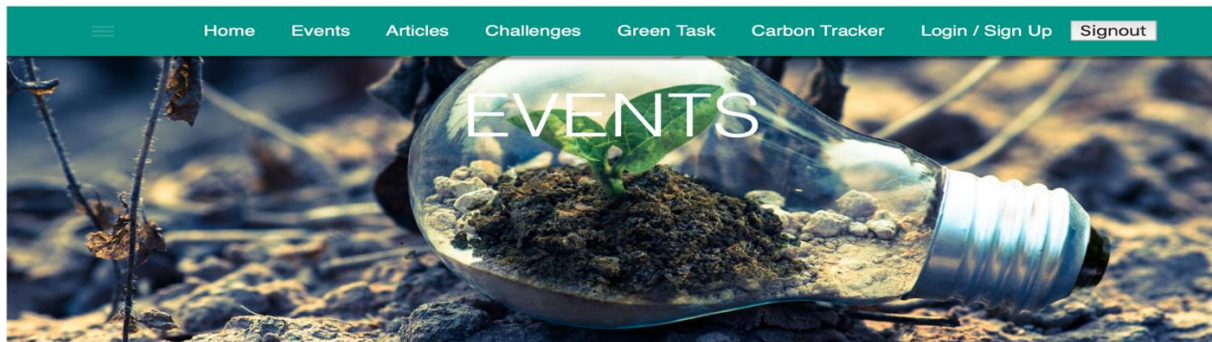
Tasks

Click the button below to generate a random task. Each task is worth one point!

Generate a random daily task

Ride a bike instead of vehicle

2. EVENTS PAGE



CREATE AN EVENT! 

Mango Melee TT



Date: 2020-05-31T10:00:00

Jazz Artists on the Greens™ 2020: The 18th Edition



Date: 2020-07-04T17:00:00

Corona Virus and Your Indoor Air Quality



Date: 2020-03-27T09:00:00

Figure 2.0 displaying the Events page with some test events.

The screenshot shows the Eventbrite API interface in a web browser. The address bar displays the URL: `eventbriteapi.com`. The browser tabs include "API Reference", "Eventbrite API...", "clean up test TI...", "Tutorial: Get JS...", "5+ & proper st...", "angular - Load...", "html - How do I...", "7 Tutorial Part...", "Images not loa...", "Planet Ea...", and "ah Bl...". The main header is orange and contains the text "Eventbrite API" and "Eventbrite API: /v3/events/88827608769/".

The main content area is divided into two sections: "REQUEST" and "RESPONSE".

REQUEST

PARSED AUTHENTICATION

OAuth token: R3GPENLBZHXNXRQYN3A7
User ID: 416845048919
App key: UYMNINVONZ67S2OVNT

EXPANDED FIELDS

logo

RESPONSE

HTTP 200 OK
Access-Control-Max-Age: 600
Vary: Accept
X-Rate-Limit: token:R3GPENLBZHXNXRQYN3A7 1/2000 reset=3600s, key:UYMNINVONZ67S2OVNT 1/2000 reset=3600s
Allow: GET, POST, DELETE, HEAD, OPTIONS
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Authorization, Content-Type, Eventbrite-API-Waypoint-Token, Eventbrite-API-Deprecated-Features
Content-Type: text/html; charset=utf-8

```
{
  "name": {
    "text": "Mango Melee TT",
    "html": "Mango Melee TT"
  },
  "description": {
    "text": "Mango Melee TT -The Harvest 2020",
    "html": "Mango Melee TT -The Harvest 2020"
  },
  "id": "88827608769",
  "url": "https://www.eventbrite.com/e/mango-melee-tt-tickets-88827608769",
  "start": {
    "timezone": "America/Port_of_Spain",
    "local": "2020-05-31T10:00:00",
  }
}
```

GET

tracking_code

Append the given tracking_code to the event URLs returned.

Send

POST

event.name.html

Mango Melee TT

The name of the event. Value cannot be empty nor whitespace.

event.summary

Mango Melee TT -The Har

A brief summary of the purpose of your event (140 characters max)

event.description.html

Mango Melee TT -The Har

The description on the event page

event.organizer_id

17402392961

The ID of the organizer of this event

event.start.utc

2020-05-31T14:00:00Z

The start time of the event

Figure 2.1 displaying the GET request for one test event.

The screenshot shows the "CREATE AN EVENT" page on Eventbrite. The header is teal and contains the following navigation links: Home, Events, Articles, Challenges, Green Task, Carbon Tracker, Login / Sign Up, and Signout. The main content area features a large image of a forest with the text "CREATE AN EVENT" overlaid.

Below the image, there are six input fields arranged in a 3x2 grid:

| | |
|----------------|-----------|
| Event Name | Currency |
| Start Timezone | Start UTC |
| End Timezone | End UTC |

At the bottom center, there is a teal button with the text "SUBMIT" and a right-pointing arrow.

Figure 2.2 displaying the Create Events page.

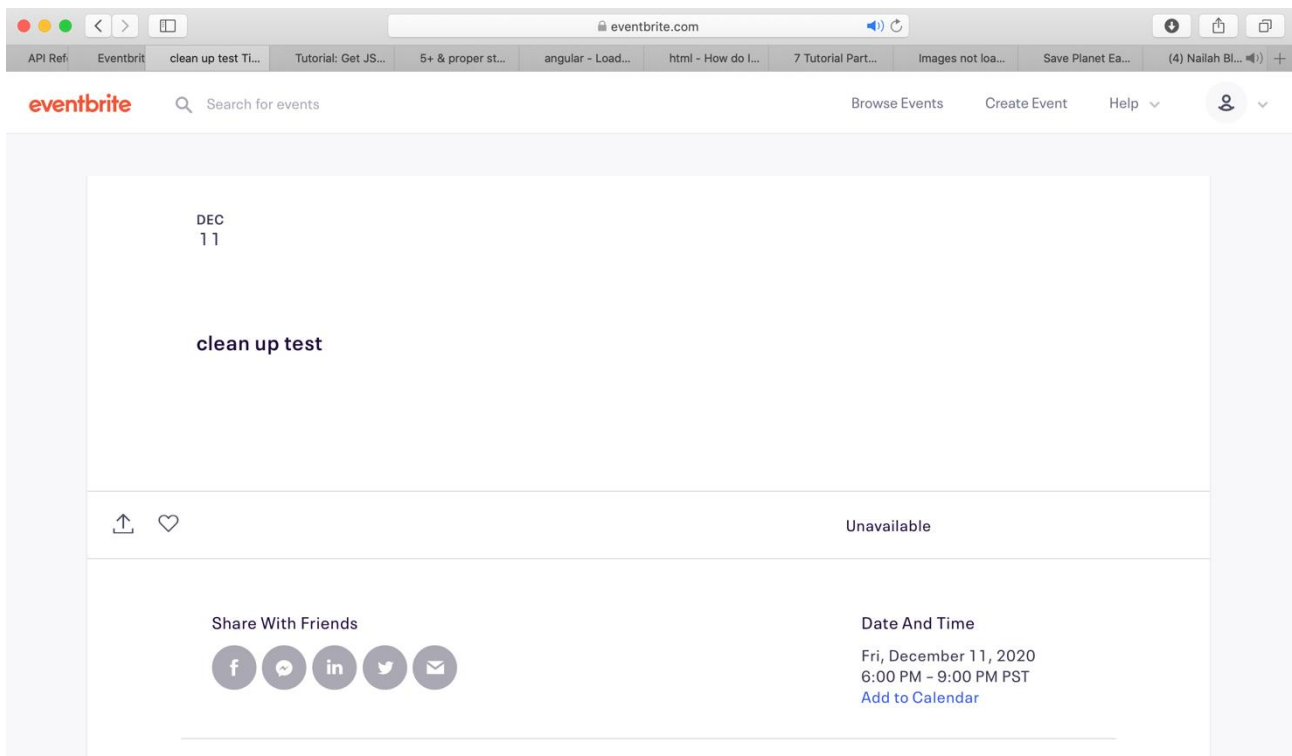


Figure 2.3 displaying that the test event was successful.

3. ARTICLES AND CONTACT INFORMATION PAGE



Figure 3.0: Showing the Articles section which aims to promote environmental awareness and protection.

Articles:

(Articles are added Weekly to enhance knowledge)

Article 1: Conserving the Earth by National Geographic

The Earth's natural resources include air, water, soil, minerals, plants, and animals. Conservation is the practice of caring for these resources so all living things can benefit from them now and in the future. People often waste natural resources; animals are overhunted and forests are cleared, exposing land to wind and water damage. Fertile soil is exhausted and lost to erosion because of poor farming practices. Fuel supplies are depleted. Water and air are polluted. Forests provide habitats for animals and plants. They store carbon, helping reduce global warming and protect soil by reducing runoff. Deforestation is the process of clearing away forests by cutting them down or burning them. People clear forests to use the wood, or to make way for farming or development. Deforestation releases greenhouse gases into the atmosphere, contributing to global warming and accounts for 15 percent of the world's greenhouse gas emissions. Trees can also be conserved if consumers recycle. People in China and Mexico, for example, reuse much of their wastepaper, including writing paper, wrapping paper, and cardboard. If half the world's paper were recycled, much of the worldwide demand for new paper would be fulfilled, saving many of the Earth's trees.

More Information can be found at: [Conserving the Earth](#)

Article 2: Going Green: Cleaning Up is Everyone's Responsibility

"Plastics continue to be a problem. We've just finished a weekend assisting with the International Coastal Clean-up and I want to thank the volunteers for doing the work and gathering important data on the amount

Article 3: Cause and Effect Analysis of Littering in Trinidad and Tobago

Littering is a very serious problem in Trinidad and Tobago. Almost everywhere you turn garbage is present - on the highways, in communities, seas and rivers. Our once pristine parks and beaches are now filled with various types of plastic, Styrofoam containers, and glass bottles. People discard trash from their moving vehicles while others indiscriminately dump garbage in various places, not considering the harmful effects on the environment.

For far too long Trinidadians have been unconcerned about their irresponsible and unlawful littering habits and if we continue along this path I shudder to think of the state of the country in a couple years. Measures need to be taken to curb this littering epidemic that we are currently facing, and it definitely needs to be sooner rather than later.

More Information can be found at: [Cause and Effect Analysis of Littering](#)

Contact Information on Recycling Companies and Garbage Collectors:

SWMCOL'S VISION

SWMCOL's Vision is to become the provider of choice for integrated environmental services in the region, with a reputation for rendering highly reliable services at competitive prices, and for ensuring the satisfaction of the customer.

SWMCOL'S MISSION

Our Mission is to protect and enhance the environment in Trinidad and Tobago through the provision of high quality, efficient, customer oriented, cost effective and sustainable waste collection, treatment, disposal, resource recovery and educational services.

Figure 3.1: Showing the Contact Information for Recycling companies and garbage collectors.

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Our Mission is to protect and enhance the environment in Trinidad and Tobago through the provision of high quality, efficient, customer oriented, cost effective and sustainable waste collection, treatment, disposal, resource recovery and educational services.

SWMCOL Head Office

#34 Independence Square North, Port of Spain, Trinidad, W.I.
Phone: 868-612-SWMC (7962)
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SWMCOL Tobago

Apt. #19 Lall's Building, Dutch Fort, Scarborough, Tobago, W.I.
Phone: 868-639-3558
E-mail: info@swmcol.co.tt

Toll Free Hotline
800-SWMC (7962)

ABOUT iCareTT

We are taking recycling and transforming the culture of waste management towards a 'Circular Economy'.

Call: (868) 226-4362

Visit Website: <https://www.ema.co.tt/>

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About Us

This application aims to be a social and educational hub for individuals who are looking to adapt to a cleaner, eco-lifestyle

Managed by **ACA Engineers**

Risks or Issues List

| Date Entered | Risk or Issue | Description | Resolution | Status |
|---------------------|----------------------|---|--------------------------------|---------------|
| 04/02/20 | Sponsor | Confirmation of one sponsor still to be made. | Awaiting response from SWMCOL. | Ongoing |
| 30/03/20 | Angular | Routing between pages need to be fixed | More research and time. | Ongoing |

Tasks in Progress or Completed in the Last Iteration

| Task Name | Description | Team Member Responsible | % Complete |
|------------------------------|---------------------------------------|-------------------------|------------|
| Mid-Course Presentation | Video | All | 100 |
| Tracking of Carbon Emissions | Creating an algorithm | All | 50 |
| Angular | Set up angular framework and routing. | Celine | 50 |

Upcoming Tasks for the Next Iteration

| Task Name | Description | Team Member Responsible |
|---------------------|---|-------------------------|
| Integration Testing | Checking if all completed pages working when combined and tested as a group. | All |
| Sprint 4 | Begin coding of tracking of carbon emissions | All |
| Sprint 4 | Awarding points to users' profiles. | All |
| Sprint 4 | Sort out advertisements for sponsors as well as the user's profile to contain the points awarded. | All |