

# Give Me Space

## Space Tourism Application



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## Description

The application is based in the future and assumes advanced technology capable of transporting tourists faster than the speed of light. It also assumes the technologically advanced ability for humans to land on gas planets (such as Jupiter) as well as planets closer to a star (such as Venus).

The organization, *Give Me Space*, is a recreational space tourism service. It is focused on vacations in different parts of the Milky Way Galaxy. Locations include planets in our solar system, stars in the Milky Way Galaxy, moons, and the TRAPPIST-1 system among others. To decrease costs, *Give Me Space* offers package deals such as the *Girls Trip Package*, the *Hipster Package*, and the *Family Fun Pack* among others. Each package features unique planets and stars to visit, cabin accommodations, and meal plans.

## Problem Statement

In this futuristic world, there are not in-depth vacation planning and booking platforms for residents of Earth to cohesively plan their trips around the Milky Way galaxy. *Give Me Space* creates the ability to plan most, if not all, aspects of an interplanetary vacation. From cabin accommodations, to multi-planet trips, to rentals, It's all covered through one, unified platform. With the ability for customers to plan and book their vacations with ease, we give them some space.

## Application Requirements

The service guides the user through the application process for organizing a vacation of their choice in the galaxy. For user interactivity, I used the following components:

- Buttons
- Labels
- Masked textboxes
- Radio buttons
- Tabs
- Month calendar

The application has a total of 21 forms including a start page, a planet/package selection page, an accommodations page, and a rentable/buyable items page.

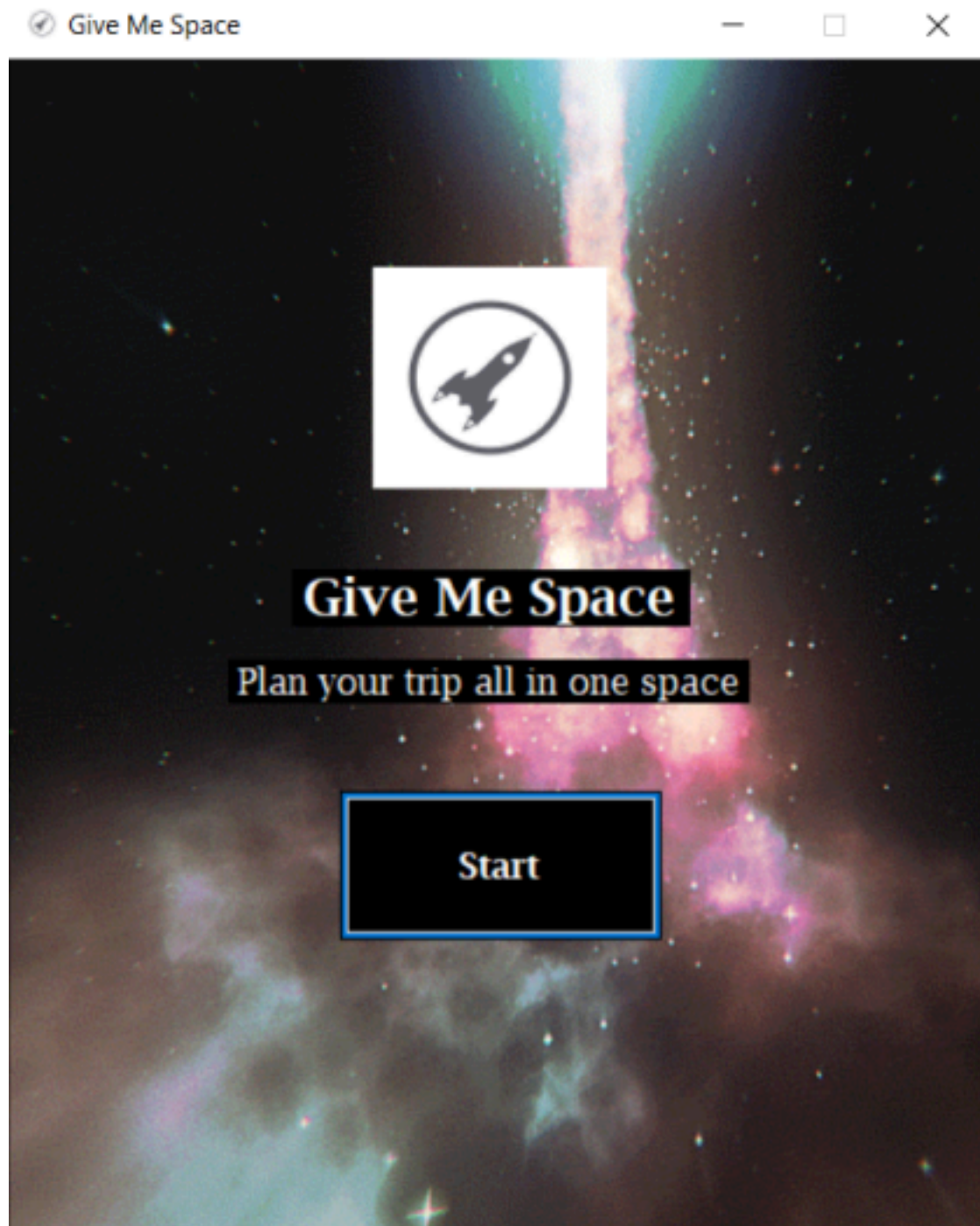
## Description of GUI

The user begins on the start page and clicks *Start* to begin the application process for booking an intergalactic vacation. The tab form is next with the two tabs consisting of planet options and package option respectively. The user can select a planet or package and read details about it as well as view the price of the trip. Once the user determines their choice, they click *Select* on the planet/package popup form and are taken to the date selection form. The user can select a range of dates up to seven days (seven days is the longest trip offered). Next is the accommodations form where the user can select from one of three living arrangements. After that is the meal plan form with three options as well. The next trip creation page is the add-ons form. This is where users can select items to rent or buy for their trip. For example, users can choose to rent a miniship explore their vacation spot or purchase a composition selection kit to learn the science of the planet(s) they visit. The intergalactic insurance page is next where users fill in their name, date of birth, and earth address as well as clicking *Yes* or *No* as to whether they have earth insurance (which would lower their cost of intergalactic insurance). The second to last form is for the user to review their purchase and view the total cost of their trip. The very last page is a confirmation page that thanks the user for purchasing their trip with *Give Me Space*.

## Database

My database was created in the application, but unfortunately I was not able to get it to work. Hypothetically, the database would have collected user choices throughout the application process and showed the users selections in labels on the review purchase form. The database would have added information when a user selected a planet/package, selected their trip dates, selected their accommodations and meal plan, and selected their add-ons. The database would have then factored in a *Yes* or *No* for if a user has earth insurance and added a variable fee to the total based on that information.

## Start Page



This is more of a decoration page than anything to introduce *Give Me Space* with a moving background and draw the user in.

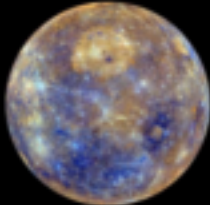
Packages/Planets Form

Give Me Space


Planets

Packages


Select Your Trip




Mercury




Dulcinea



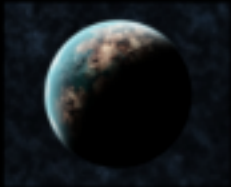
Trappist-1



Makemake



Saturn

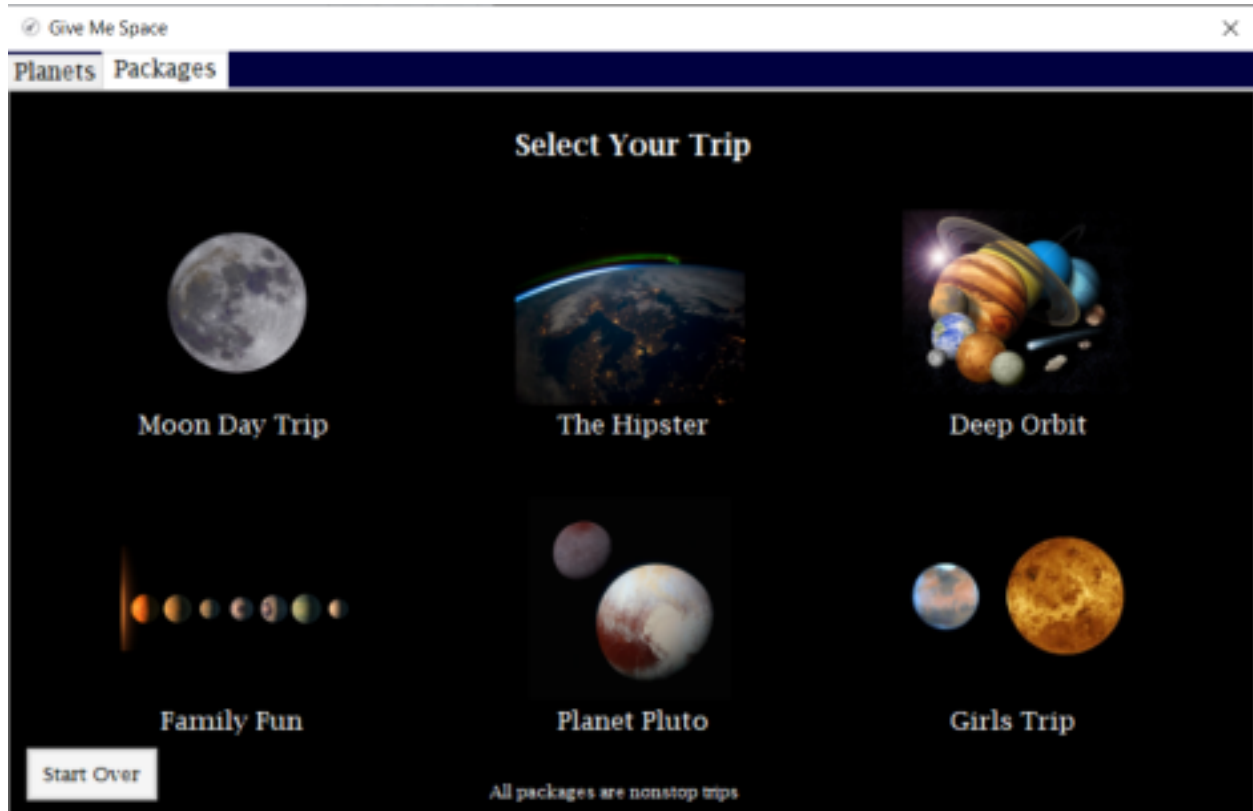


Methuselah

Start Over

All trips are seven earth days long





The Planets/Packages form holds all of the available trips that a user can select from. When a user clicks on a planet or package it will open a new form with the planet or package that was selected (all planet and package forms are listed at the end of the report).

## Date Selection Form

Give Me Space

— □ ×

Select your trip dates  
(Select range)

November 2103

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Today: 11/26/2103

Start Over

Next


Users can select a range of dates up to seven days for their vacation.



## Accommodations Form

Give Me Space


### Select Your Travel Accomodations



Shallow Orbit Suite

- Studio room
- Separate bath
- Kitchenette included


Price: 536.13 NBL



Modisque Suite

- 2 bedrooms
- 2 baths
- Full view window

Price: 917.91 NBL



The Villa

- 3 spacious luxury bedrooms
- 2 baths
- In-house breakfast bar included

Price: 2,011.59 NBL



Start Over

1 USD = 0.63 NBL


Next

This is where the user can determine their living accommodations for their trip. Prices are listed in Nebuls with the USD conversion rate at the bottom.

## Meal Plan Form

 Give Me Space 


### Select Your Meal Plan



**Lite Bright**

- 2 main meals an Earth day

Price: 238.14 NBL




**The Snacker**

- 2 main meals an Earth day

- 2 snacks an Earth day

Price: 317.52 NBL



**The Main Giant**

- 3 main meals an Earth day

- 2 snacks an Earth day

Price: 471.87 NBL



Start Over

1 USD = 0.63 NBL


Next

Users can then determine what daily meal plan they want while traveling. Prices are listed in Nebuls with the USD conversion rate at the bottom.


## Add-ons Form

 Give Me Space 


### Select Your Add-ons




**Space Notebook**  
Price: 34.65 NBL




**Galaxy-Grade Camera**  
Price: 422.73 NBL



**Rover Cart Tour**  
Price: 17.01 NBL



**Composition Collection Kit**  
Price: 15.75 NBL



**Miniship**  
Price: 50.40 NBL/day

[Start Over](#)

1 USD = 0.63 NBL

[Next](#)

These are optional add-ons that can be selected for added leisure or heightened experience. Prices are listed in Nebuls with the USD conversion rate at the bottom.

## Intergalactic Insurance Form



The screenshot shows a web browser window titled "Give Me Space" with a close button (X) in the top right corner. The main heading is "Intergalactic Insurance Coverage" in a yellow, serif font, with the instruction "Please fill out the form" below it. The form is set against a dark blue, starry background. It is divided into two columns. The left column contains labels for "First Name:", "Last Name:", and "DOB:" followed by white input fields. The right column is headed by the underlined word "Address" and contains labels for "Street Address:", "City:", "State:", and "Zip Code:" followed by white input fields. The "DOB" field has a pre-filled format of "--/--/----". Below these fields is a question "Do you have life insurance on Earth?" with two radio button options: "Yes" and "No". At the bottom left is a "Start Over" button and at the bottom right is a "Next" button.

Give Me Space

### Intergalactic Insurance Coverage

Please fill out the form

Address

First Name:

Last Name:

DOB:

Street Address:

City:

State:

Zip Code:



Do you have life insurance on Earth? ☐ Yes ☐ No

Start Over

Next

This form asks for basic information as well as whether the person booking the trip has earth life insurance. Hypothetically, their answer of *Yes* or *No* would affect the cost of the intergalactic insurance and add to the total cost of their trip so far.

## Review Purchase Form

 Give Me Space 

### Review Your Purchase

<b>Location/Package:</b>	<b>(location)</b>
<b>Trip Date:</b>	<b>(trip date range)</b>
<b>Accommodations:</b>	<b>(accommodations)</b>
<b>Meal Plan:</b>	<b>(meal plan)</b>
<b>Add-ons:</b>	<b>(no selection)</b>
<b>Total</b>	<b>(total)</b>

**Start Over**

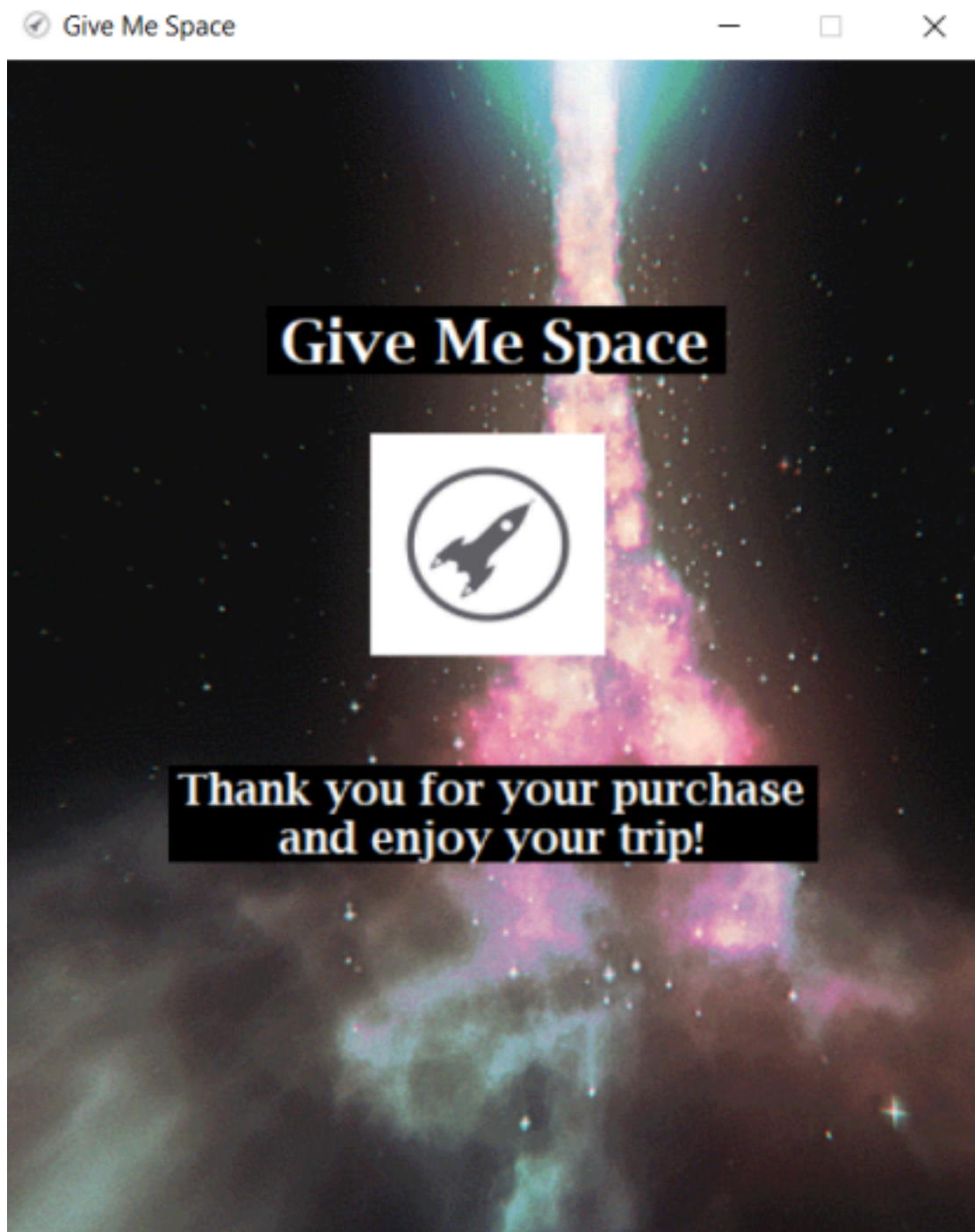
**1 USD = 0.63 NBL**

**Confirm**

This form will populate and display the information in the database so that the user can review their selections to make sure everything they want is selected before confirming their trip.



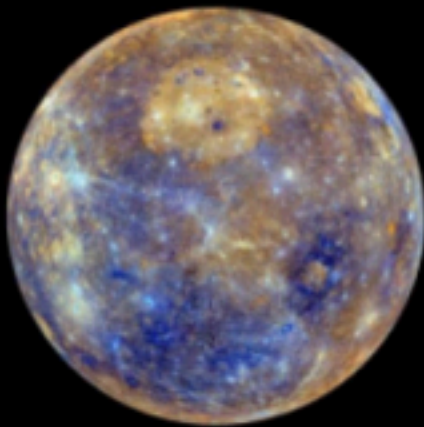
## Confirmation Form



This is the last page in the application for the user's benefit to let them know that their trip has been confirmed.

## Planets Forms

Give Me Space



### Mercury

Visit the closest planet to our star. Spend seven Earth days exploring the rocky planet and basking in the sun.

#### Facts

- Mercury does not have any moons or rings
- A year on Mercury takes 88 Earth days
- Your weight on Mercury would be 38% of your weight on Earth



Price: 354.69 NBL


Close

1 USD = 0.63 NBL

Select



 Give Me Space 



## Dulcinea

Visit the first discovered Super Earth. Spend seven Earth days exploring the untouched land and living in the wild.

### Facts

- Dulcinea was discovered in 2004
- It has a very strong gravitational force
- It will eventually turn into a gas giant

Price: 2,089.71 NBL

Close

1 USD = 0.63 NBL

Select

 Give Me Space 



# Trappist-1

Explore the most famous habitable solar system known in our galaxy. Get to know the locals on each planet from day to day.

## Facts

- The planets transit their stars (passes in front of them)
- The planets are similar in size and mass to Earth and Venus
- The solar system is older than our own

Price: 6,357.33 NBL

Close

1 USD = 0.63 NBL

Select

Makemake



## Makemake

Get inspired to makemake crafts with a community of makers. Spend seven earth days exploring another world through creativity.

### Facts

- Makemake does not have any moons
- Makemake takes 309 earth years to orbit the Sun
- Makemake is two-thirds the size of Pluto

Price: 814.59 NBL

Close

1 USD = 0.63 NBL

Select



## Saturn

If you like it then you should  
take a trip with a ring on it.

Spend seven earth days  
abroad this beautiful planet  
and experience the diamond  
rains.

### Facts

- Saturn has more moons than any other planet
- It is the flattest planet
- Saturn orbits the Sun once every 29.4 Earth

Price: 485.73 NBL

Close

1 USD = 0.63 NBL

Select



## Methuselah

Visit the most established planet in the universe. Relax at the natural springs resorts or trek through the wilderness. There is no limit in this world.

### Facts

- Methuselah is the oldest planet in the universe
- It is located deep inside a globular cluster
- Methuselah's official name is PSR B1620-26 b

Price: 1,701.63 NBL

Close

1 USD = 0.63 NBL

Select

### Packages Forms



## Moon Day Trip

Celebrate the first human moon landing of 1969 with a day trip to Earth's moon.

### Details

- 12 Earth hour trip
- Tour of the dark side
- Rentable rover cart included
- Surface collection kit included

Price: 165.69 NBL

Close

1 USD = 0.63 NBL

Select



## The Hipster

View your home from a new perspective at the Karman line. Spend one Earth day floating at the edge of space in a Sputnik ship.

### Details

- Two Earth day trip
- Travel Earth's orbit twice
- Rentable typewriter to document trip included

Price: 95.76 NBL

[Close](#) [Select](#)

1 USD = 0.63 NBL





## Deep Orbit

Explore the gas and ice giants of our solar system.  
New activities every day.

### Details

- 14 Earth Day trip
- Travel in the Grand Du Jour Rocket
- Rentable mini ship included
- Planets include Jupiter, Saturn, Uranus, and Neptune

Price: 1,873.62 NBL

Close

1 USD = 0.63 NBL

Select



## Family Fun

Have a family-friendly vacation exploring the Trappist-1 system and exploring the cultures of each planet.

### Details

- 21 Earth day trip
- Travel in the Gran De Jour Rocket
- Spend three Earth days on each planet
- Composition experiment kit included

Price: 6,357.33 NBL

Close

1 USD = 0.63 NBL

Select



# Planet Pluto

Celebrate the underdog of our solar system by visiting the planet and its moons.

## Details

- Five Earth day trip
- Travel in the De Menor Rocket
- Ice skate on the Hydra Moon
- Compete in the Styx 10k Moon Race

Price: 630.63 NBL

Close

1 USD = 0.63 NBL

Select



## Girls Trip

Have an out of this world vacation with your best friends on two of the rockiest planets.

### Details

- Four Earth day trip
- Spend two Earth days on Venus and Mars
- Rentable rover cart included
- Sleepover suite included with accomodation

Price: 471.87 NBL

Close

1 USD = 0.63 NBL

Select