

BUILDING MY FIRST PROJECT

And what I learnt



A Virgin SpaceShipOne rocket is shown in flight against a black background, angled upwards and to the right. It has a white body with the word "Virgin" in a stylized script on its side. A bright orange and yellow flame trail extends from the base of the rocket.

Space Flight Deals!

For fun...



Photo by MarsScientific.com and Clay Center Observatory

```
nav {
  margin-top: 0;
  background-color: #333;
  height: 40px;
}

nav ul li{
  padding: inherit;
  text-decoration: none;
  display: inline-block;
}

table {
  font-family: arial, sans-serif;
  border-collapse: collapse;
  width: 100%;
}

td, th {
  border: 1px solid #dddddd;
  text-align: left;
  padding: 8px;
}

tr:nth-child(even) {
  background-color: #dddddd;
}
```


Trouble Shooting



Project

- db
 - seeds.rb
 - space_flights_db.
 - Sql_runner.rb
- Extra_data
- models
 - day.rb
 - deal.rb
 - flight_deal.rb
 - flight.rb
 - ship.rb
- public
 - images
 - style.css
- views
 - admin
 - admin.erb
 - deals
 - index.erb
 - new.erb
 - show.erb
 - flight_deals
 - index.erb
 - new.erb
 - flights
 - index.erb
 - new.erb
 - ships
 - index.erb
 - .DS_Store
 - index.erb
 - layout.erb
 - .DS_Store

```
9 CREATE TABLE days (  
10 id SERIAL8 PRIMARY KEY,  
11 name VARCHAR(255)  
12 );  
13  
14 CREATE TABLE ships  
15 (  
16 id SERIAL8 PRIMARY KEY,  
17 name VARCHAR(255),  
18 url VARCHAR(255),  
19 company VARCHAR(255)  
20 );  
21  
22 CREATE TABLE flights  
23 (  
24 id SERIAL8 PRIMARY KEY,  
25 price REAL,  
26 time INT4,  
27 ship_id INT8 REFERENCES ships(id)  
28 );  
29  
30 CREATE TABLE deals  
31 (  
32 id SERIAL8 PRIMARY KEY,  
33 name VARCHAR(255),  
34 day_id INT8 REFERENCES days(id),  
35 price_mod REAL  
36 );  
37  
38 CREATE TABLE flight_deals  
39 (  
40 id SERIAL8 PRIMARY KEY,  
41 flight_id INT8 REFERENCES flights(id),  
42 deal_id INT8 REFERENCES deals(id)  
43 );
```

Deep code changes

Flight id reference was taken out

But why?

```
def self.all_details(id)
  sql = "SELECT * FROM ships
  INNER JOIN flights
  ON ships.id = flights.ship_id
  INNER JOIN flight_deals
  ON flight_deals.flight_id = flights.id
  WHERE flight_deals.deal_id = #{id}"
  trip_array = SqlRunner.run(sql).map do |trip|
    {
      ship: Ship.new(trip),
      flight: Flight.new(trip)
    }
  end
  return trip_array
end
```

what are you happy with?

Thank you
<% end>