

# Parakai Springs XML Design Document

## ISCG6420 Assignment 2

### Summary

The structure of the Parakai Springs XML is that there is a group of “area” element entries under “areas” (which is the root).

Variable Name	Datatype	Purpose
areaName	string	The name of the area.
cost	decimal	The cost per person to book the area.
bookedCount	int	How many bookings the area currently has.
capacity	int	The maximum amount of people the area can hold.
areaImage	string	Will be the file path used to display images for an area.

### XML

```
<?xml version="1.0" encoding="UTF-8"?>
<areas>
  <area>
    <!--The 5 areas with a capacity of 5 -->
    <areaName>Blue Lagoon</areaName>
    <cost>15.00</cost>
    <bookedCount>5</bookedCount>
    <capacity>5</capacity>
    <areaImage>/pool-side-images/1.png</areaImage>
  </area>

  <area>
    <areaName>Havanna</areaName>
    <cost>15.00</cost>
    <bookedCount>3</bookedCount>
    <capacity>5</capacity>
    <areaImage>/pool-side-images/2.png</areaImage>
  </area>

  <area>
    <areaName>Splash Sphere</areaName>
```

```
    <cost>15.00</cost>
    <bookedCount>0</bookedCount>
    <capacity>5</capacity>
    <areaImage>/pool-side-images/3.png</areaImage>
</area>
```

```
<area>
    <areaName>HydroTopia</areaName>
    <cost>15.00</cost>
    <bookedCount>0</bookedCount>
    <capacity>5</capacity>
    <areaImage>/pool-side-images/4.png</areaImage>
</area>
```

```
<area>
    <areaName>Surf and Flirt</areaName>
    <cost>15.00</cost>
    <bookedCount>0</bookedCount>
    <capacity>5</capacity>
    <areaImage>/pool-side-images/5.png</areaImage>
</area>
```

```
<!--The 2 areas with a capacity of 10 -->
```

```
<area>
    <areaName>Oasis Springs</areaName>
    <cost>10.00</cost>
    <bookedCount>10</bookedCount>
    <capacity>10</capacity>
    <areaImage>/pool-side-images/6.png</areaImage>
</area>
```

```
<area>
    <areaName>Splash and Dash</areaName>
    <cost>10.00</cost>
    <bookedCount>10</bookedCount>
    <capacity>10</capacity>
    <areaImage>/pool-side-images/7.png</areaImage>
</area>
```

```
<!--The 2 areas with a capacity of 20 -->
```

```
<area>
    <areaName>Spring City</areaName>
    <cost>8.00</cost>
```

```
        <bookedCount>0</bookedCount>
        <capacity>20</capacity>
        <areaImage>/pool-side-images/8.png</areaImage>
    </area>

    <area>
        <areaName>Lazy River</areaName>
        <cost>8.00</cost>
        <bookedCount>0</bookedCount>
        <capacity>20</capacity>
        <areaImage>/pool-side-images/9.png</areaImage>
    </area>

    <!--The 1 area with a capacity of 50 -->
    <area>
        <areaName>Copa Cabana</areaName>
        <cost>5.00</cost>
        <bookedCount>0</bookedCount>
        <capacity>50</capacity>
        <areaImage>/pool-side-images/10.png</areaImage>
    </area>

</areas>
```