

# MVC Controllers - Pair Exercise

## Day 3 - Wednesday - Shopping Cart

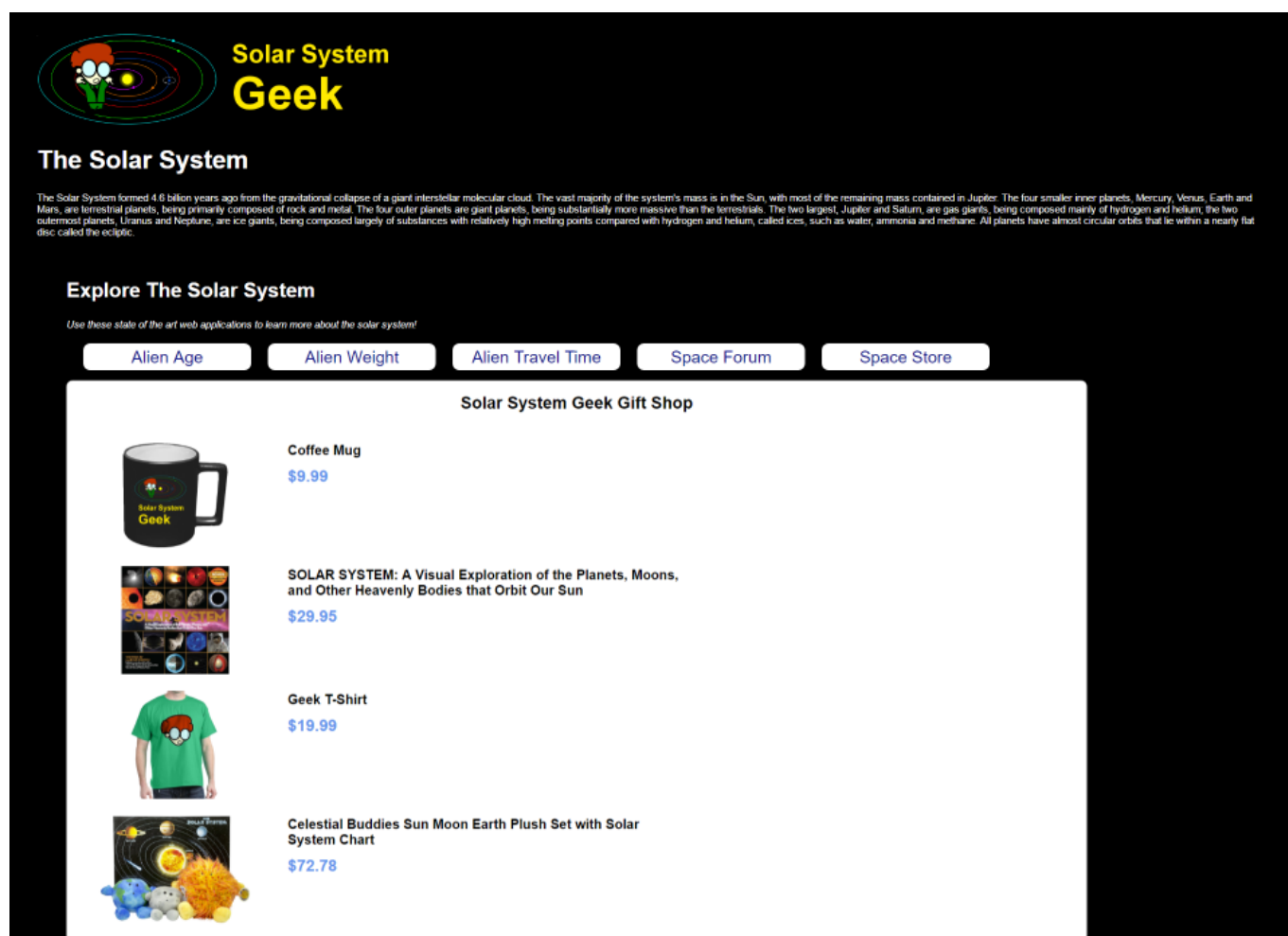
You'll be creating a shopping cart that allows your website visitor the ability to view products, select a product and add a user-specified quantity to the shopping cart.

### Product List Page

The product listing page displays all of the inventory that the SSGeek shop contains.

#### Requirements

- When the user clicks on the image of a product they are navigated to the **Product Detail** page

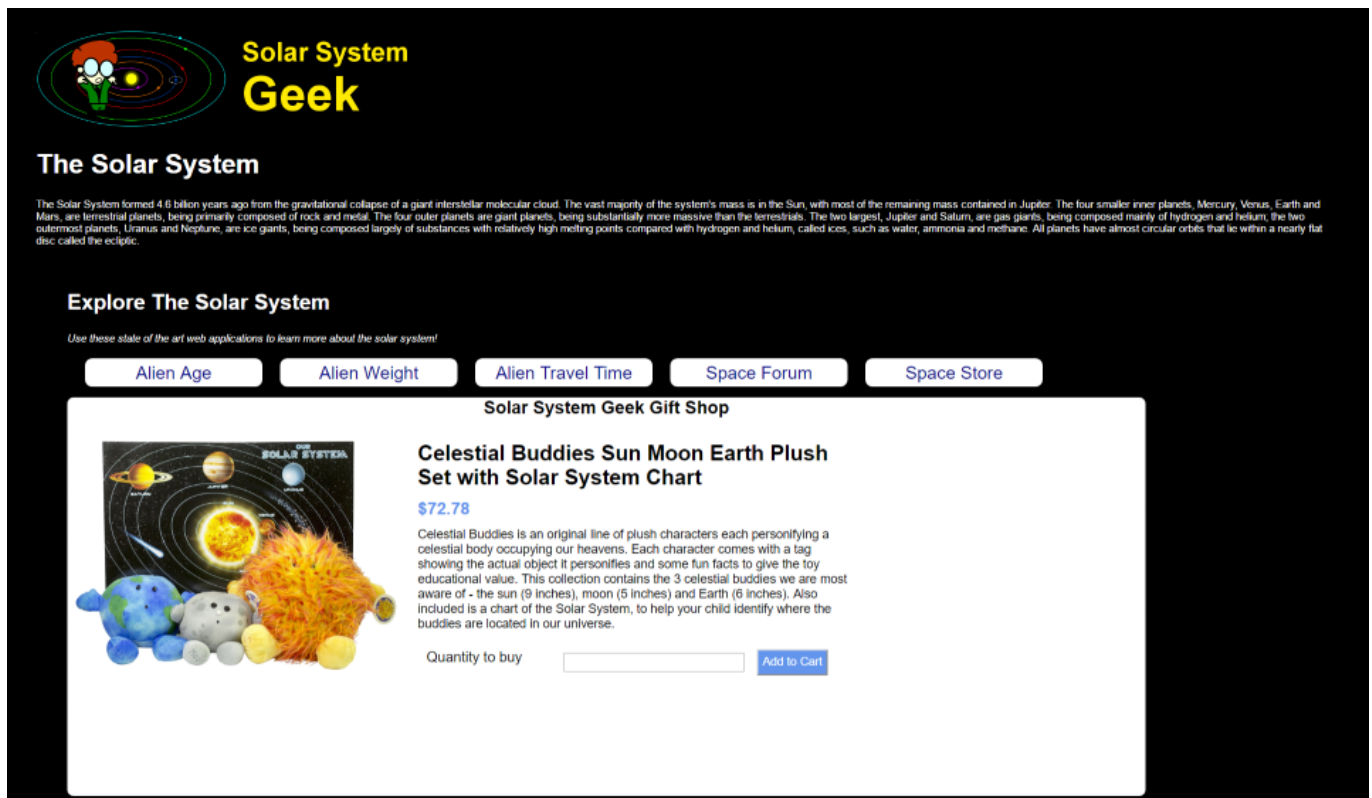


### Product Detail Page

The product detail page displays the data for a specific product and allows users to add products to their shopping cart.

#### Requirements

- When the user enters a quantity into the textbox and *presses Enter* or *presses Add to Cart* the product is added to their shopping cart
- After the user adds an item to their shopping cart, they are redirected to the View Cart page




The screenshot shows the 'Solar System Geek' website. At the top left is a logo featuring a cartoon alien and the text 'Solar System Geek'. Below the logo is the heading 'The Solar System' followed by a paragraph of text about the formation of the solar system. Underneath is a section titled 'Explore The Solar System' with a subtext 'Use these state of the art web applications to learn more about the solar system!'. This section contains five buttons: 'Alien Age', 'Alien Weight', 'Alien Travel Time', 'Space Forum', and 'Space Store'. The main content area is titled 'Solar System Geek Gift Shop' and features a product listing for 'Celestial Buddies Sun Moon Earth Plush Set with Solar System Chart' priced at '\$72.78'. The product description states: 'Celestial Buddies is an original line of plush characters each personifying a celestial body occupying our heavens. Each character comes with a tag showing the actual object it personifies and some fun facts to give the toy educational value. This collection contains the 3 celestial buddies we are most aware of - the sun (9 inches), moon (5 inches) and Earth (6 inches). Also included is a chart of the Solar System, to help your child identify where the buddies are located in our universe.' Below the description is a 'Quantity to buy' input field and an 'Add to Cart' button. To the left of the text is an image of the plush toys and a solar system chart.

## View Shopping Cart

The View Shopping Cart page displays all of the items that are in the visitor's shopping cart to purchase.

## Requirements



Solar System

Geek

The Solar System

The Solar System formed 4.6 billion years ago from the gravitational collapse of a giant interstellar molecular cloud. The vast majority of the system's mass is in the Sun, with most of the remaining mass contained in Jupiter. The four smaller inner planets, Mercury, Venus, Earth and Mars, are terrestrial planets, being primarily composed of rock and metal. The four outer planets are giant planets, being substantially more massive than the terrestrials. The two largest, Jupiter and Saturn, are gas giants, being composed mainly of hydrogen and helium, the two outermost planets, Uranus and Neptune, are ice giants, being composed largely of substances with relatively high melting points compared with hydrogen and helium, called ices, such as water, ammonia and methane. All planets have almost circular orbits that lie within a nearly flat disc called the ecliptic.

Explore The Solar System

Use these state of the art web applications to learn more about the solar system!

Alien Age

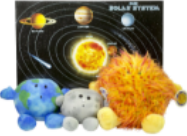


Alien Weight

Alien Travel Time

Space Forum

Space Store

Solar System Geek Gift Shop

	Name	Price	Qty.	Total
	Celestial Buddies Sun Moon Earth Plush Set with Solar System Chart	\$72.78	2	\$145.56
	Coffee Mug	\$9.99	1	\$9.99
	Geek T-Shirt	\$19.99	1	\$19.99
Grand Total				\$175.54
				<a href="#">Check out</a>

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