**Full Stack – Books Application Analysis**

Gustavo Olgiati

Ira A. Fulton Schools of Engineering, Arizona State University

Professor Dinesh Sthapit

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**Analysis**

The HTML structure of the file starts is composed of the tags <html>, <head> and <body>.

Between the <body> tags lie an <ul> tag in which JavaScript code are used within the <% %> tags. This code uses a “forEach” loop to go over an array named “books”. This code generates an list item <li> for each book, displaying the following information: title, author and year of publication. In here, JavaScript uses the tags <%= %> to populate the values of “book.title”, “book.author” and “book.publicationYear” in the HTML code, making it a dynamic website.

The next code in the HTML is a <form> used to add books to the array, and there’s no JavaScript used in this part of the code.

The code is displayed using Chrome’s developer tools as data is entered in the web form. The HTML code displays a list of books as the array is populated with information. The <li> tag inside the <ul> tag creates a CSS tag ::marker, used to create a bullet next to the displayed book information. Currently, the JavaScript code between the <% %> has been populated with the corresponding information for each book.

This code is used to create, using an EJS file, dynamic HTML content using the information the user provides into the “books” array, and the HTML code provides a form for the user to keep entering information.

**Screen Captures**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**A white screen with black border

Description automatically generated**

**A black rectangular object with a white screen

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