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Final Write-Up

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<u>**Walkthrough**</u>

My web application was inspired by the world of Star Wars. When opening the

application, users are presented with a question regarding age and a checkbox both utilized for

output later in the assessment. This JavaScript function uses JQuery to hide the rest of the layout

to users less than 18 years of age. Given the proper age, JQuery hides the preliminary question

and shows a simple user input/output interface as well as the header, allowing for traversal of the

application (still using JavaScript and JQuery). The page is interactive and allows users to see

different displays with different selected options. Once users have had enough, they are free to

roam the rest of the site.

The header of the application has a number of links to different pages. "Home" and

"GalacticEnterprises" are the same page. This home page displays a large picture edited with

CSS. There is also a link to one of the "Analysis" pages. "Inventory" is essentially the CRUD

page of the "Items" table without the actual CRUD abilities. The actual CRUD pages are located

in the "Records" dropdown menu. Each item correlates to one of the tables in the database and

allows users to modify the inventory, employee records, and sales records.

The "Analysis" dropdown contains three pages, all regarding data visualization.

"Purchases View" is a view of an inner join between the items, employees, and sales tables.

"Sales Analysis" is a stored procedure with no parameter that results in a google pie chart of

revenue per item. "Affordable Items" is a stored procedure with a parameter that displays a table

of items within the user's budget.

ERD

Below is an image of my ERD diagram. There are 3 tables. One shows employees, another shows items in stock, and the third associates the two together as sales.