**1. Introduction**

**1.1 Goal**

Shopping has long been considered a recreational activity by many. Wokiee is no exception. The goal of this website is to develop a web based interface for online retailers. The system would be easy to use and hence make the shopping experience pleasant for the users. The goal of this website is

• To develop an easy to use web based interface where users can search for products, view a complete description of the products and order the products.

• A search engine that provides an easy and convenient way to search for products specific to their needs. The search engine would list a set of products based on the search term and the user can further filter the list based on various parameters.

• An AJAX enabled website with the latest AJAX controls giving attractive and interactive look to the web pages and prevents the annoying post backs.

• Drag and Drop feature which would allow the users to add a product to or remove a product from the shopping cart by dragging the product in to the shopping cart or out of the shopping cart.

• A user can view the complete specification of the product along with various images and also view the customer reviews of the product. They can also write their own reviews.

* 1. **Need**

There are large numbers of commercial Online Shopping web application offering large number of products tailored to meet the shopping interests of large number of customers. These online marketplaces have thousands of products listed under various categories.

**Problem:**

• The basic problems with the existing systems are the non-interactive environment they provide to the users.

• The use of traditional user interfaces which make continuous post backs to the server; each post back makes a call to the server, gets the response and then refreshes the entire web form to display the result. This scenario adds an extra trade off causing a delay in displaying the results

• A search engine that would display the results without allowing the users to further filter the results based on various parameters.

• Use of traditional and non user friendly interfaces that are hard to use

**Solution:**

• The motive of this Online Shopping Website is to allow the user to play with the search tool and create different combinatorial search criterion to perform exhaustive search.

• Making the application AJAX enabled gets rid of these unnecessary delays letting the user to perform exhaustive search. The users of this application can easily feel the difference between the Ajax empowered user interfaces vs. traditional user interfaces.

• Provide Interactive interface through which a user can interact with different areas of application easily.

• A search engine that provides an easy and convenient way to search for products specific to their needs. The search engine would list a set of products based on the search term and the user can further filter the list based on various parameters.

• Provide Drag and Drop feature thereby allowing the user to add products to or remove products from the shopping cart by dragging the products in to or out of the shopping cart.

* 1. **Scope**

• The current system can be extended to allow the users to create accounts and save products in to wish list.

• The users could subscribe for price alerts which would enable them to receive messages when price for products fall below a particular level.

• The current system is confined only to the shopping cart process. It can be extended to have a easy to use check out process.

• Users can have multiple shipping and billing information saved. During checkout they can use the drag and drop feature to select shipping and billing information.