**Project Title:** Price Tracker

**Q. Define the scope of our project / List down the functional requirement of our system.**

Ans. The Price Tracker project will demonstrate the design of the web extension and the website that I will create. In my project there will be two parts in total. The first one is the website and the second one is the web extension. The main deliverables of my project will be the high-fidelity prototype of the website and web extension. The assisting deliverables of my project will be the class diagram of the web application, entity-relationship diagram required for the website and sample flow chart of the working model for web extension.

The functional requirements are:

1. Whenever a customer visits a website of a certain product in a particular e-commerce site, prices of that product from other e-commerce site(s) will be fetched and displayed with the help of the Price Tracker extension.
2. Prices from those sites will be compared with the price of the site from where the customer is attempting to buy the product. If he/she can buy at a lower price from other sites, an alert message and link to those sites will be displayed.

1. Price history of the product will be shown in the Price Tracker website. Price Tracker extension will create a link before checkout of the item for price history which will be linked to the Price Tracker website where price history for that particular product at that particular e-commerce site will be shown.
2. There will be a login or signup system for the user.
3. Price Tracker database will store prices of the products at various e-commerce sites. If any customer (with Price Tracker extension installed in the browser) visits a product page then prices of that product at corresponding e-commerce site will be updated in the Price Tracker database.