**Quality Control**

Quality control is a process through which we can review all the functions, services or processes in project. There are many elements which can be included in quality management process such as:

1. Identification of records, performance and criteria are elements of quality control
2. Having suitable knowledge, skills, and experience.
3. Having human issues or errors such as Personal, integrity, confidence, motivation, team spirit, good relationships.

Quality control can include Testing product where every side of products are examined in details and try to remove all errors and bugs before it launches into public. Testing will be provided with the detailed description of operations, expectations and results which is known as Test Cases and Test Reports. After testing each area of products, we need to produce Unit test case and unit test report. At the end when all test gets over, we need to combine all unit test cases in to single final test cases document.

After examine the products and if found errors that quality assurance come in place as quality assurance has two principles that is “Fit for purpose” (The product should be suitable for the intended purpose) and “Right first time” (Mistakes should be eliminated). Suitable quality is determining by customers, product users or client.

Prepare a survey for user testing and tell them to test a product and answer the questions into survey form, and write suggestions or opinions into the suggestions form. We decided to work for minimum 30 hours per week and our goal to finish testing into deadline as per our project plan. Time management is also important to maintain quality.

**Design**

Designs are of two types:

1. **Web design**
2. **Graphics Design**
3. **Database Design**

Design consist of may components such as page layout, Graphics, fonts, and Coding. Here, we used ReactionCommerce as our platform, Meteor as our framework, and MongoDB as our database. This platform provides more functionalities, nut we only focus on client requirements.

1. **Web Design:**  
   Web designers use a variety of different production processes it in which a part of the various tools is involved. These tools are new standards and update software over time, but the principle behind it is the same. We used ReactionCommerce as our website platform and Meteor as our framework.

User, the content of the site is, in many cases, the site is in how it works, we understand, depending on the user's understanding. This is the part of the user experience. User experience, layout on the site, are related to the clear instructions and labels. They also how to understand the user how to interact with your site, we are dependent on the design of interactive web site. At the time of the advantages of the site, the user's perception, they are more likely to continue to use. You are not unique, who enjoy the knowledge to users of the web site where you can find too intuitive interface, the following user-friendly web site is still useful.

Another important factor in web design is page layout.   
A portion of the user interface design quality by the layout. For example, designers, layout design is to consider whether the site layout to take into account, if the page is to keep the page a different consistency.

Home page design is one of the important factor for the success of website and good home page design creates good impression on users at first time. Home page should be consistent in terms of graphics, typography, layout.

1. **Graphics Design:**

Graphic design is visual communication processes and issues through the appropriate use of typography, space, image and colour to solve. Use a graphic designer to create a variety of ways, and the combination of texts, ideas and visual information symbols and images to create a presentation. Graphic designers can produce the end result combines typography, visual arts and page layout - use techniques. Graphic design often refers to both the method of communication (Design) are formed and the products they make (Design).

1. **Database Design:**

The database design is to create a detailed data model of the database process. This data model contains structural data definition language of all logical and physical choices necessary design and physical storage parameters needed to develop, and can then be used to create a database. A complete model of attribution data contains detailed attributes for each unit. The long term database design can be used to describe the various parts of the structure of the database system. Logical data main design and appropriate considered used to store database structures.

We used MongoDB as our database because ReactionCommerce supports MongoDB. In this phase we only focus on Products schema collection. We created a table for Product schemas, identified relationship within them. Once the relationship between the various information and dependencies have been identified, then the data may be mapped to arrange from the database management system to support the memory object logical structure.