**Lại Trung Minh Đức – SE62220**

**Class: IA1161**

Introduction to Databases – DBI202

Instructor: Mr.Nguyễn Trọng Tài

**USER REQUIREMENTS**

DATABASE ANALYSIS FOR ELECTROLUX.vn

1. **PROBLEM**

Electrolux is the famous company which produce high-quality home appliances from 1919. Joining to Vietnam market, Electrolux provides washing-machines, refrigerators, kitchen appliances, air-conditioner and some small home appliances. With the wide-range of categories and products, Electrolux had made a website which is called Electrolux.vn with the purpose of promoting products to Vietnamese customers officially.

As a learner in Database System, I shall to analyze the design of Electrolux.vn database through its functions and try to simulate it locally for demo uses.

1. **REQUIREMENTS**
   1. **Data objects**
      * + Product Categories
        + Products
        + Articles
        + Article Categories
        + Reviews
        + Features
        + Menu
        + Footer
   2. **Required Transactions:**
      1. *Users*
         * Look up products by category
         * View product detail
         * Compare products details in a category
         * Search information by model/ name/ function
         * Look up for product support
         * Look up for advices/ news/ social networks
         * Download user manual of products
         * Give feedback
      2. *Admin*
         * Create/ Read/ Update/ Delete/ Analyze:
           + Product information
           + Product categories
           + Menu
           + Articles
           + Articles categories
           + Header/ Footer
           + Partners
         * Read/ Analyze:
           + Reviews