Software Requirements Specification

for

<Brands Competitors, Alternatives, and Recommendations>

Version 1.0 approved

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Table of Contents

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1. Introduction

1.1 Purpose

The main purpose of this mobile app is to provide an online platform where end users will be able to check the brands comparative price(regular and Sale both) and recommend the end users based on the rating on particular item from which brand they should buy the item. They will also get the notification for upcoming sales in different brands and will be able to see the total amount they spent on shopping from different brands on a weekly and monthly basis.

1.2 Intended Audience

The mobile app is suitable for both men/women(specially women) in type of rich people who are interested in different types of brands items, the middle class people who are interested in Sale and cheaper Items recommendations and the youth generation specially who use Tik Tok are more likely to be interested in the shopping and will love the recommendation and sales updates from this program.

1.3 Product Scope

This mobile application scope will be showing brands list, search option using any keywords, to provide recommendations based on ratings from the real customers, provide notifications about the upcoming sales, and will show them the record of money spent on shopping via online. The user will have comfort experience in online shopping without being scam, and the application will be responsible to show them all the reliable information regarding the brands.

2. Overall Description

2.1 Product Perspective

This is an advanced version of the shopping mobile application. The uniqueness of this application is that it will provide you the items from different brands and will give you the recommendations based on real ratings from the users. The user can find the cheaper items available on other brands and stores so they would be able to save money and the record of the amount spent.

2.2 Operating Environment

- *distributed database for End user record such as name, phone number, contact etc when they create account*
- *client/server system: The end users should be able to create accounts only.*
- *Operating system: Android OS and iOS.*
- *database: sql+ database*
- *platform: vb.net/Java/PHP*

3.   System Features (Functional Requirements)

1. *Signup/ Login for Endusers(Main Classes){Required: the user can not access further without sign/up}*
    - a. *Clients accounts*
2. *Menu bar including brands list, by gender*
    - a. *Women(it will show the brands targeting women only)(Sub Classes)*
        - i.   *[Brand Name]*
            1. *Clothing*
            2. *Bags*
            3. *Accessories*
            4. *Perfumes*

[Continues]

     b. *Men(it will show the brands targeting men only)*
-       i.   *[Brand Name]*
    1. *Clothing*
    2. *Shoes*
    3. *Accessories*
    4. *Perfumes*

[Continues]

     c. *Kids - Baba(it will show the brands targeting Kids)*
-       i.   *[Brand Name]*
    1. *Clothing*
    2. *Shoes*
    3. *Accessories*
    4. *Toys*

[Continues]

     d. *Kids - Baby(it will show the brands targeting Kids)*
-       i.   *[Brand Name]*
    1. *Clothing*
    2. *Shoes*
    3. *Accessories*
    4. *Toys*

[Continues]

3. *Search bar*
    - a. *[Item Categories]*
    - b. *[Item Categories]*
    - c. *[Item Categories]*

[Continues]

4. *My account*

      a. *Personal Details*
      b. *Wishlist*
      c. *Logout*
5. *Total Money Record*
      a. *Weekly Record*
      b. *Monthly Record*
      c. *How much you saved by buying through our recommendation on items via sales and alternatives recommendations*

4. Other Nonfunctional Requirements

4.1 Performance Requirements

The end user's personal data will be saved once when he creates the account, he can not change the email address but can modify the password and forget to password anytime. He can save and remove the items from the wishlist as well. There can be some keywords with spelling mistakes where the application won't show the desired items. if that happens, the user needs to check the spelling and add the correct general keyword like shirt, dress etc.

4.2 Usability Requirements

The application database can hold the 10,000 individual accounts for end users and the users can login their account anytime from any mobile. There won't be any data loss if they remove the app because the data is stored in their account.

4.3 Security Requirements

Security systems need database storage just like many other applications. However, the special requirements of the security market mean that vendors must choose their database partner over 18th age.

5. Deliverables

The user will get the new experience on how well he is spending money on good quality items with cheap rates. He can check the record every week and month on how much he spent, how much he saved and how well he spent. The user will feel comfortable while doing online shopping with this competitor and brand alternatives app.