**BechDalo! - A portal to sell and buy used products and appliances**

**INTRODUCTION**

BechDalo! is a web based platform which allows you to buy and sell stuff around you. If there is anything that you don’t need any more or there is anything which you have always wanted but couldn’t afford, then this is the right place for you. You can find cool and amazing deals as well. Just register and you are good to go.

**Software Requirements:**

* Spring IDE
* Oracle 11g

**Technologies Used:**

* JSP and Servlet
* Spring MVC
* Spring Boot and Hibernate
* HQL and Criteria Queries

**Milestones to be covered:**

* **LOGIN AND REGISTRATION:**

We will focus on the user interface for the login and registration pages. It will contain a panel for login for existing users and registration link for new users. It will also contain basic information regarding the web portal and it’s utility.

* **DATABASE DESIGNING:**

In this part we will focus on designing the database structure and schema. All the tables required for the project will be designed. Connecting will be gained and login & registration pages will be connected with the database.

* **HOME PAGE:**

In this part, we will create the home page which will contain all the categories which our portal will offer for buying and selling offers. The header will contain link buttons for login and registration as well as a profile link will be displayed after successful login. We will also provide a search tab for searching any specific product and a tab for posting up free ads.

* **USER ACCOUNT:**

User account will display all the products bought and sold. It will also contain all the currently active advertisements and an option will be provided to modify those ads. The header will contain link button for user settings.

* **USER SETTINGS:**

This part contains the options for updating user information and account settings. Options like change password, change profile picture, change mobile number and address, etc. will be provided.

* **SUBMIT AD (SELLING PROCESS):**

In this part, we will provide a page in which user will enter all the details and description of the products along with pictures as per their will. On submission of this ad, it will be displayed in the search section depending on its category.

* **SEARCH PRODUCT:**

All the categories into which the products are segregated will be displayed. The user can select the category as per their wish in order to search a particular product. We will also provide a tab for the users to search product by keywords.

* **FEEDBACK:**

The user can provide feedback regarding their buying or selling experience with our portal. They can share with us their experience while using this portal. This will help us improve our portal from time to time as per the users’ feedback.

**LOGIN AND REGIRTATION MILESTONE**

**STORIES:**

* Header: Header creation for the login and registration pages. The logo will be displayed in the header section itself.
* Footer: Footer creation for both the login and registration pages. The footer will also contain the contact us option as well as social media links.
* Feature display: Displaying the features of the portal in one part of the page.
* Login: Login panel for the existing users will be provided along with registration link for the new users.
* Registration: Registration panel for the new users along with the field validations.
* Integration and testing: Integration of all the stories into one single unit along with unit testing of each story.