

# **NBAD final project:**

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## PROJECT OVERVIEW:

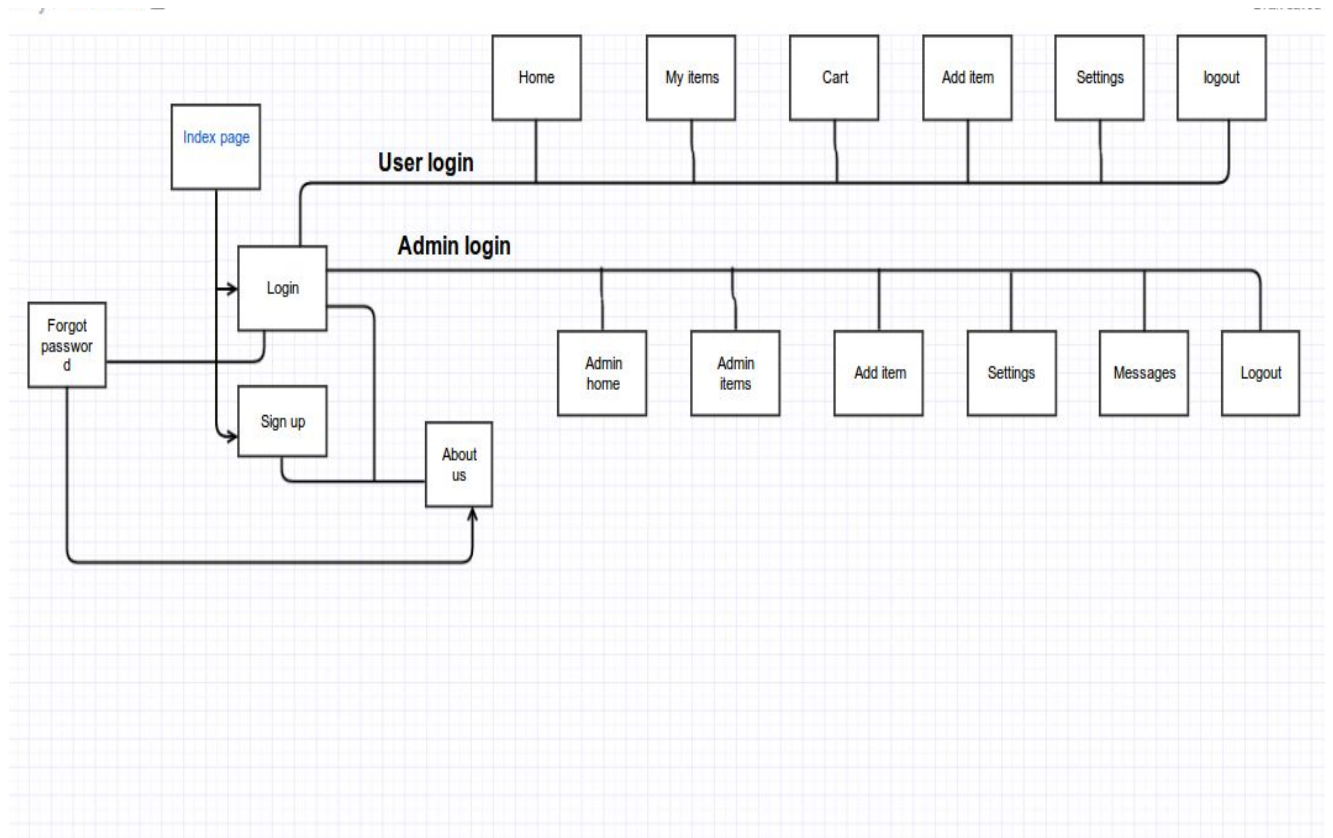
My final project is a market place for second hand items. A person who has an account can sell or purchase products. Every person can upload a photo of the product they want to sell and fix a price for the product and simply place it in the market. Any person who is interested in a particular product can simply add the product to their cart and purchase it. It is a user friendly website as the users have the flexibility to add a product to their cart and remove it from the cart whenever they want. The product that a user has placed in his/her cart will no more appear in the market place as long as the product is present in a user's cart.

The website consists of two active participants

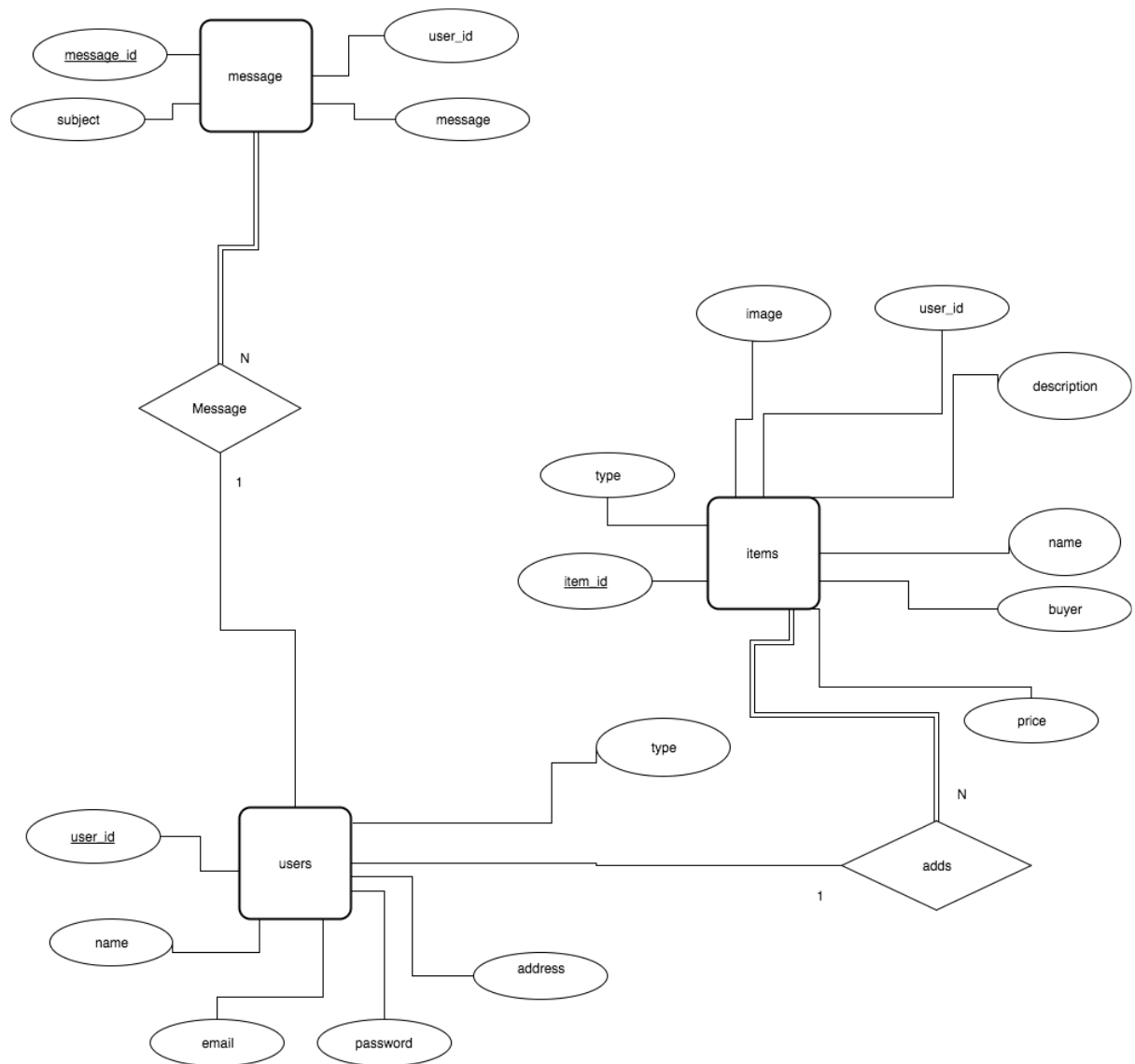
a)User: Every user can sell or purchase any product. Cart feature enables user to save a product if they are unsure to buy the product.

b)Admin: Admin has flexibility to remove any product that is available in the market. Admin can see all the products present in the market even if they are in the user cart and also can see all the messages sent by the users.

## Site map:



## ER diagram:



# Description about pages:

## 1) Login page:

Name: login.jsp

Purpose of the page: allows already registered users to access all the functionalities of the website.

Audience: User,admin

Data fields: login page contains username and password data fields. When the credentials are entered into these fields, a query will be fired and validate whether the password and username provided and lets the user login.

### Validations:

->all field are mandatory

->if the username and password are incorrect an alert will appear saying that invalid details are provided.

Buttons and hyperlinks:

Submit: by clicking on this button the username and password provided are verified and the user will be redirected to his/her home page if the credentials are correct.

**Forgot password:** By clicking on this button the user will be redirected to forgot password page.

**About us:** Upon clicking on about us button it will be navigated to about.jsp. In this file a short description about this website is mentioned.

**Contact:** Upon clicking on contact button a window will appear having the contact details. This is implemented by using bootstrap modal.

## 2)Sign up page:

Name: Sign up

Purpose of the page: allows people to register

Audience : User

Data fields:

a)name

b)address

- c)email
- d)password
- e)re-type password

**Validations:**

->All fields are mandatory

-> The input for the password and retype password fields should be same.

Button and hyperlinks: upon clicking on the create account button the user will be registered in the database and redirected to the user's home page.

**3)Forgot password page:**

Name: forgot password

Purpose of this page: enable user to recover his/her password.

Validations: all fields are mandatory

Buttons and hyperlinks:

By clicking on submit button the password will be sent via email to the user.

**4)Home page:**

Name : home

Purpose of this page:

- Display all the products that are available in the market to the user.
- Navigate the user based on what he/she wants to do.

Validations: if there are no products present in the market then a dialogue box will appear saying that there are products not available in the market.

Buttons and hyperlinks: all the buttons mentioned below will be present in my products, add products and cart pages as well.

my items : by clicking on this button the user will be redirected to my products page. Detailed information is given in my products page.

Add items: by clicking on the add product button the user will be redirected to add product page. Detailed information is given in add products page.

cart : by clicking on the cart button the user will be redirected to cart page. Detailed information is given in cart page.

Settings: In settings page users/admin can change their password. In addition to that users can post their messages to the admin. Where in admin there is no

message form because for admin there is no need for messages.

logout: By clicking on this button the user will be signing off.

Add to cart: add to cart button is present for each products. By clicking on this button the user will add that particular product to his/her cart.

## **5)My items page:**

name: my products

purpose of this page: allows the user to see all the products the he/she has added

Audience: user,admin

Data fields: no data fields

validations: if the user did not add any product in the market a dialogue box will appear saying that the user has not added any product in the market.

Buttons and hyperlinks:

my products : by clicking on this button the user will be redirected to my items page. Detailed information is given in my items page.

cart : by clicking on the cart button items will be added to cart and the page will be reloaded.

## **6)Add items page:**

name :add products

purpose of this page: allows user to place a products in the market place.

Audience : user,admin

Date fields:

Name: name of the product

Description: description for the product

Price: price of the product

Choose file: an image can uploaded using this button

Validations: all fields are mandatory

If any error occurs while adding the product to the market place an alert will appear saying that the products has not been added.

Buttons and hyperlinks:

Submit: by clicking on submit button the product will be added to the market.

my products : by clicking on this button the user will be redirected to my products page. Detailed information is given in my products page.

Add items: by clicking on the add product button the user will be redirected to add items page. Detailed information is given in add products page.

cart : by clicking on the cart button items will be added to the cart.

Detailed information is given in cart page.

### **7)cart page:**

Name : cart

Purpose of this page: allows the users to see all the products that have been added to the user's cart.

Audience : user

Data fields : no data fields for this page

Validations: if there are no cart products present a dialogue box will appear saying that there are no products added to the cart

Buttons and hyperlinks:

remove from cart: this button is present on every product present in the cart.

By clicking on this button the product will be removed from the user's cart and again added to market.

my items : by clicking on this button the user will be redirected to my products page. Detailed information is given in my products page.

Add items: by clicking on the add product button the user will be redirected to add product page. Detailed information is given in add products page.

### **8)Admin page:**

Name: admin

Audience: admin

Purpose of this page: allows the admin to see all the products that are present in the market and remove any item from the market

Data fields: no data fields for this page

Validations: if there are no items present in the market a dialogue box will appear saying that there are no items in the market

Buttons and hyperlinks:

Message: By clicking message button it will redirect to message.jsp. It shows all the messages sent by all the users in a tabular form.

Logout: by clicking on this button the admin will be signing off.

### **9) Message Page:**

Name: admin

Audience: admin

Purpose of this page: allows the admin to see all the messages sent by the users in the table.

Data fields: no data fields for this page

Logout: by clicking on this button the admin will be signing off.



