AdverTrade – BUY. SELL. SIMPLE.

Solutions Definition:

Description

Our group 8, with members – Amruta Kamat, Ajinkya Dhamnaskar and Rohit Patil had come up with the novel idea of developing a buy/sell products website. After gathering all the requirements we are now in a good position to describe the structure of our website.

In this document we present a sketch of the website. This will include the content and layout of all the webpages. The primary sections that would be included in our website are:

Home, About AdverTrade, Contact Us, Login, Registration, Post Ad, Browse Ads, Manage My Ads

Lists of all pages with all its sections are described as follows:

Login

The user will have to register to our website so that he can delete/edit his ads. The login page would include fields' username and password for logging into the website. It will also display proper alert messages if the user login does not exist in the database. If the user does not have an account already on our website, he will have an option of registering by filling out a registration form.

User Registration

Using this page the user can register to our website. It will be a simple form to be filled out by the user. The form will include user details: first name, last name, email id, contact number, username and password. This username would be a unique username to be used for logging into the website. We would be including all necessary validation like character restrictions for username and password etc. It will also display an alert message if the username already exists in the database.

Home

The homepage will be the landing page that the user will view once they log into the site. We plan to make this page the most elegant and intriguing of all the pages since this will be the main landing page which will create first impression of our website.

This page will have 3 sections: header-footer, navigation panel and browse by category. On the left we would have a vertical navigation panel using which the user can navigate to various pages of the website. This navigation section would be displayed on all webpages of the site so that

user can navigate to any page. We will have a carousal of images at the center to browse ads based on categories like household, electronics, books etc. The header-footer sections will be common for all the webpages of the site. The header will be our site logo and site name. The footer will include the copyright information.

About AdverTrade

In this page we would be sharing our unique identity with the world.

It will include the following details:

- Developers of the Site - A picture and very brief description of the background of developers of the website.
- How to use our website - This section will provide details about how the site can be used for buying/selling the stuff.
- Our mission – A short description of the goal behind creating this website.
- Customer Testimonials - Customer testimonials are a great way to show our value. We feel they will build credibility and trust among the users. It will be a list of positive experiences about the stuff they bought/sold using our website.

Contact Us

This page will include all details like our contact numbers, email addresses and other details for reaching out to site owners. The users of the website will also have an option of contacting by filling out a query form and just submitting the form on a button click instead of typing a whole new email. This way the users can contact us for any queries/concerns they face while using our website.

Post Ad

This webpage will provide the user an option to post an Ad to our website. The page will be a simple form which will ask user to enter all product related details like product title, description, upload product image, price etc. which will help the user to advertise his product. On submitting the Ad it will become available under browse ads based on the category that the seller had selected from a drop down in the form. It will also be added in the user's My Ads page so that he can edit/delete the ad as required.

Browse Ads

This page would include a list of Ads. When we click on one advertised product, it would display a pop-up which includes all the details related to that particular product. At a time only

one product's details can be viewed. The user has to close the popup to open details for some other product. The user also has an option of expressing his interest in the product by sending a personal message to the seller.

Manage My Ads

This page will display all ads submitted by the user who is currently logged in. It will also provide an option of editing/deleting the ad as required by the user.

When the user clicks on edit, it will display the form which user had filled while posting the ad. User can make changes in the ad details like price, description etc. and click on update. The product details would be updated in the database and the latest details would be displayed for that product in the browse ads section.

The user also has an option of deleting an ad if required when suppose the product is already sold or the user is no more interested in selling the product.
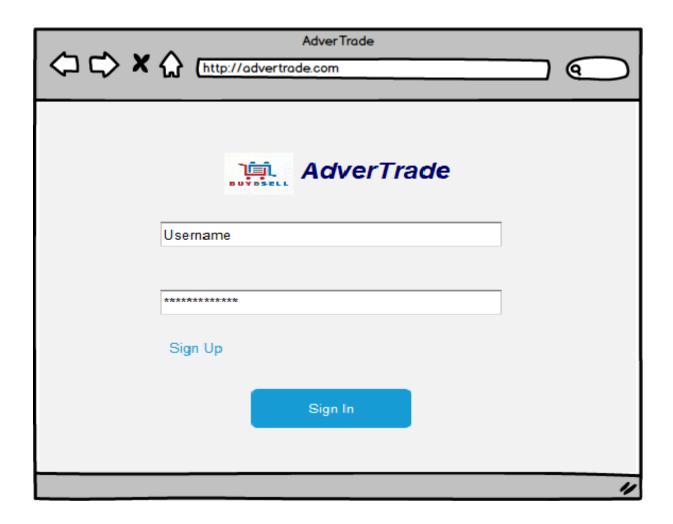
Technologies Used

The technologies we would be using to develop this site are: HTML, Bootstrap CSS, and jQuery.
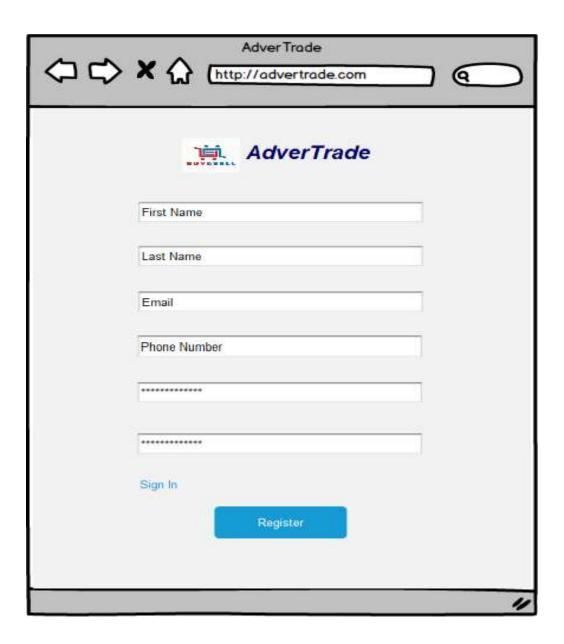
We would be using MongoDB for maintaining user database and products database.

Please find below the wireframes and site diagram for the proposed site which lays out the site's most current structure.
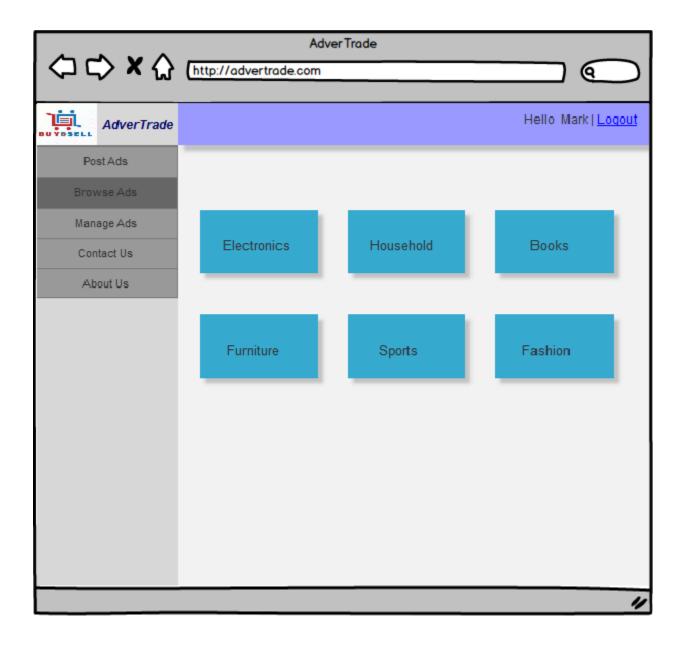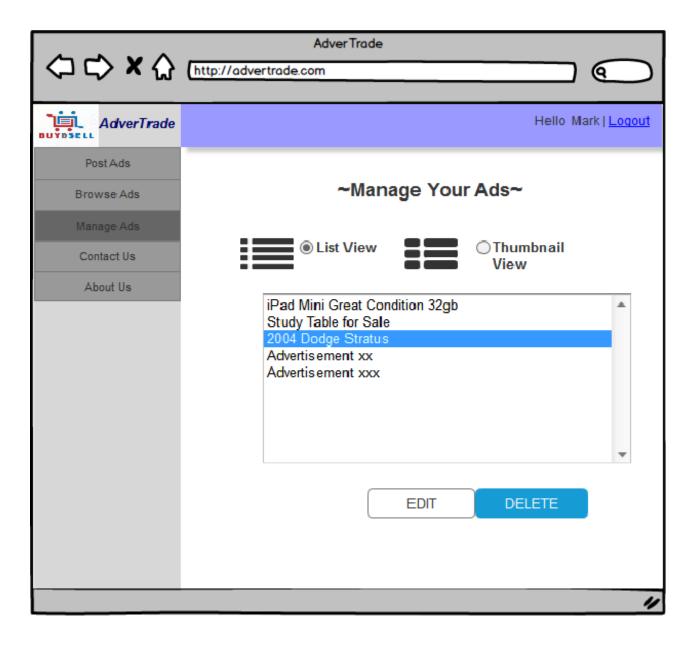
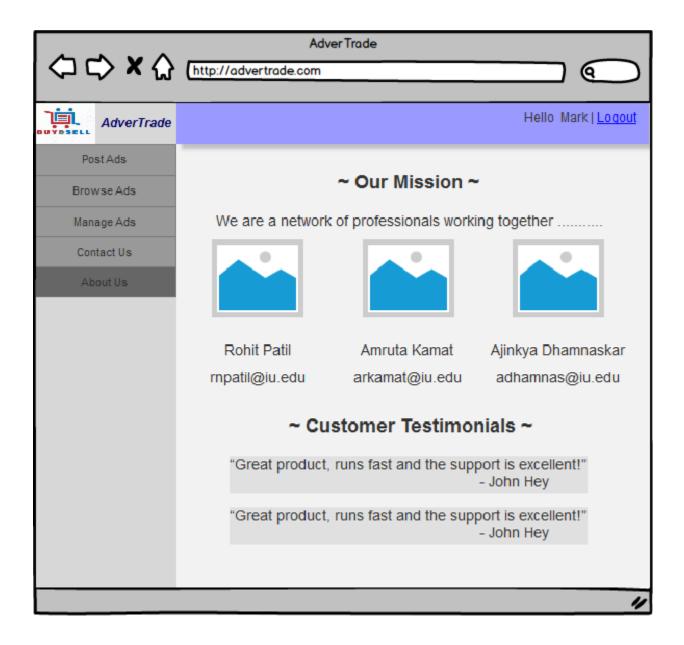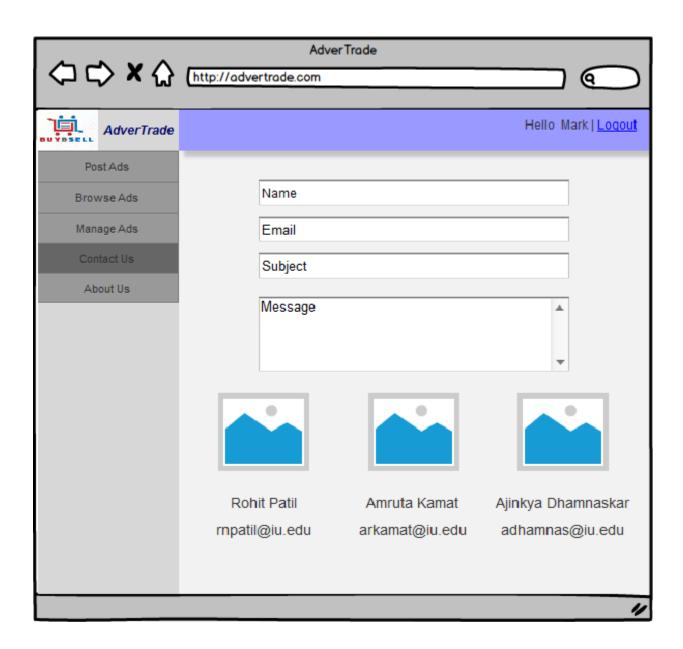**Login Page:**

Registration Page

Post Ads:

Browse Ads:

Manage Ads:

About Us:

Contact Us:

Site Level Diagram: