**Website Specification Document**

**Author: Prathyusha Kochuru**

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**Project domain name:** [www.LockedMe.com](http://www.LockedMe.com)

1. **Overview:**

Our new site will perform following functionality for our business:

“The aim is to digitize our products and allow users to find the products by searching on our website. Our site provides the detailed description of the products and allow customers to do online purchases.”

1. **Background:**

We are the company who sell fine-art products. We have a broad connection of users who purchase our products through manual invoicing.

1. **Aim of the project:**

As most of the world is going online nowadays, having an e-commerce website provides us a good scope to expand the business.

1. **Total number of phases - Current situation:**

There will be total six phases. We are in the stage of gathering requirements and digitizing the products. The schedule for all the phases will be published soon.

1. **Number of Sprints for Phase 1:** 3
2. **Appearance & look:**

Corporate colors and logo.

1. **List of Pages:**
2. **Home Page:** The home page will show the users an overview of what our company does. It should also contain a menu to display the following options.
3. **Sign In:** It allows our members & staff to log in to our site.
4. **About Us:** Details of our company and the administration.
5. **Sign Up:** A form to sign up to our business to be the company’s customers.
6. **Contact Us:** Has the full contact details – including sales email address, phone number.
7. **Category page:** Shows the product categories.
8. **Search bar:** Allows the users to search for the products.
9. **Search result page:** Displays clickable thumbnails of all the searched products.
10. **Product Detail Page:** Shows the full details of the product including the costs and a button to allow members to purchase the product.
11. **Helpful site links:** This shows all the helpful links to navigate to each page and usage of the site.
12. **Environments used:** Eclipse, Jira for Agile management, Git, GitHub, Draw.io for application flowchart
13. **Languages used:** Java 8, JavaScript, AngularJS, etc.
14. **Java Concepts used:** File handling, Exception handling, Collections, OOPS concepts like Abstraction-Encapsulation-Inheritance-Polymorphism, Binary search, Collections sorting, etc.
15. **Stakeholders:**

Site is open for the public. But to access our exclusive products or make online purchases, the users need to sign up in order for us to track the payment history.

Main audience would be:

1. Existing customers.
2. New customers
3. Company staff including the staff who has admin access to the site. (to manage the user access, etc.)
4. Vendors – who sell products to us.
5. **Administration:**

As mentioned earlier, we are currently in phase 1. The company staff will be handling file operations from the website. This allows them to sort the current users list and business documents.

1. **Hosting:**

The website will be hosted on IIS and apply all the security certifications like SSL. It will be a secured URL (https://) to browse.

1. **Statistics:**

We will be implementing ‘Google Analytics’ to get the statistics of the website like number of users browsing, from which country, which browser, number of product clicks, number checkout clicks, etc.