

**Project Scope**

Hakstock E-commerce Website

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**Prepared by**

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## Project Description

Hakstock is an e-commerce website that would provide goods and services from notable brands and manufacturers. Customers can purchase items from Hakstock for a cheaper price than other competitors. Hakstock provides 5-25% discounts off common merchandises available in the market today. The initial project would start with the sale of electronic items, and self-produced graphic clothing.

## Project Purpose

Over the years, trading of goods and services over the networks over the Internet has grown with the emergence and re-packaging of notable e-commerce powerhouse such as Amazon, eBay, Overstock etc. In an era where time plays an important role in business transactions, customers need a fast, cheap and effective way to purchase goods and services without any quandaries. Hakstock comes in as a competition for such companies as a better, cheaper solution.

## Project Objectives

* The main objective is to create a successful e-commerce website using a combination of e-commerce business models such as Amazon and eBay.
* The website will reach out to a larger audience and hopefully enable the company increase sales within the first year of release.
* The website will be functional and also be visually attractive to the end user.
* The website will improve communications with customers and provide answers to frequently asked questions (FAQs).

## Project Requirements

* The website will provide users with the ability to create and maintain a login account and profile online.
* The website will allow users to easily search and filter products.
* The website will use a database to store the products in their respective categories.
* The website will provide users with the ability to check their order status.
* The website will provide customers with the ability to view the products with details and images on the website.
* The website will allow customers submit their reviews on the products listed on the website.
* The website will provide users with the ability to use the shopping cart on the website.
* Users will receive an email for confirmation after an order placed on the website.
* Admin will be able to manage items on the website from the backend.

## Project Assumptions

* The website will only be in English language and user input will be in a single language only.
* The website might only function if the user is connected to the Internet.
* PayPal may be the only acceptable method of payment. Other methods like credit and debit cards, or electronic checks will not be acceptable (until later).
* The website might be developed on the “byethost” web hosting domain.

## Project Constraints

* The website will only function if the user is connected to the Internet.
* The website will be developed with PHP; hence the user must have Apache installed for the website to function well.
* Connection to the Internet will be mandatory for the development of this website.
* Unforeseen circumstances might disturb the development of the project and the milestones deadlines.

## Project Milestones

|  |  |  |
| --- | --- | --- |
| Milestone Date | Milestone Name | Milestone Description |
| [Jan 28] | Project Scope Complete | Project scope for the e-commerce website is ready for submission and review. |
| [Feb 16] | System Requirements Complete | System requirements version 1.0 are approved and baselined so that the project can begin design and development. |
| [Feb 28] | Functional Specifications Complete | Functional Specifications document is created and ready for submission. |
| [March 2] | Program Flowchart  Complete | A graphical flowchart depiction of the website’s information is complete and the website UI is ready for design. |
| [March 18] | Website UI Design  Complete | The website’s user interface has been designed and is completed. |
| [April 20] | Website Development  Complete | An operational version of the website is developed and ready for end-user testing. |
| [April 21] | Website Testing | The operational version website is tested by random end-users and feedback is received for better improvement. |
| [April 26] | User’s Manual Generated | A user’s manual for the effective use of the website is created and reviewed. |
| [May 3-6] | Website Deployment | After passing the testing phase, the “improved” version of the website is ready for deployment. |

## Rough Order of Magnitude (ROM) Estimate

|  |  |
| --- | --- |
| Activity | Estimated Time |
| Define Requirements and Design | 15-25 Resource Hours |
| Develop Product | 90-120 Resource Hours |
| Test Product | 10-20 Resource Hours |
| Deploy Product | 20-40 Resource Hours |
|  |  |
|  |  |

## Authorization

Approved by the Project Sponsor:

Date:

[Project Sponsor]

[Project Sponsor Title], [Project Sponsor Organization or Division]

**Abbreviations**

* UI – user interface