

**WEB PROJECT**

**REPORT**

**Web based application development**

ACADEMIC YEAR 2019

SEMESTER 2

LECTURER:

**MR.CHAminda wijesinghe**

Green wave

19.1 Software Engineering (PLY)

Group “A”

**Group members**

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Secondly, we would also like to thank our friends who helped us a lot in finalizing this project within the limited time frame.

01.INTRODUCTION

# 1.1 Introduction

This chapter discusses the overall idea of ​​a project proposal, solution, and project scope including goals and objectives and methodologies to be applied.

# 1.2 Project Introduction

‘GREEN WAVE’ is an online Ecosystem protection and Motivation website which acts as a connecting bridge between the environmental protectors and ordinary peoples. People who are interested in saving and planting trees can use this website to share their services online as well as the people who are interested in this subject online can join from here. And these peoples can donate for green wave projects.

# 1.3 Project Purpose

It also involves the planting and distribution of rare species of plants and the involvement of those involved in such ventures.

Currently, there is a drastic increase in plant degradation. we lose tree at a rate of 50 soccer field per minute. But traditional methods of preventing the catastrophe are still being used, but there are problems with their success. Therefore, we hope to find a solution through this new technology through social media.

# 1.4 Solution

To address this issue, we have decided to introduce a web-based application which creates a platform for the all parties to meet.

# 1.5 Project Scope

The world wide web has a few of online Ecosystem protection websites today. but There are a lot of users, companies who join and active their service online. So, the idea behind this application is to gain the attraction of the eco lovers.

However, this project will hope making green wave.

# 1.6 Project Goals

we use this platform for, converting degraded and denuded farmland into Forest Gardens one of the planet’s best ideas for eliminating hunger, extreme poverty, deforestation and for lessening humanity’s contributions to climate change. our Big Goal is to break the cycle of poverty and eradicate hunger for our first 1 million people by planting 500 million trees in 125,000 Forest Gardens by 2025. This will entail working with approximately 125,000 families to revitalize a quarter of a million acres, coupled with interventions at different levels of the value chain (related to inputs, credit, water and marketing) to ensure the long-term sustainability and continual spread of Forest Gardens.

If we can grow a movement by convincing massive numbers of farmers across any given landscape to plant Forest Gardens, we can, first and foremost, eliminate chronic hunger and extreme poverty on that landscape, but even more, at scale we will have a program that can reverse deforestation and meaningfully begin to mitigate climate change.

# 1.7 System Users

There are basically 05 types of users:

* Admin of the site
* Normal users
* Buyers
* Sellers
* Environmental researchers

**Admin of the site**: - Admin will be able to access the dashboard of the web site. He will be able to edit the web site when needed

**Normal users: -** Normal users are able to visit our special projects and our gallery.

**Buyers**: - Buyers are able to buy products which are displayed in the web site. They are also able to check discounts of the day, ect..

**Sellers**: - Sellers are able to display their products on the web site and are able to connection with buyers.

**Environmental researchers:** - Environmental researchers can post or write ECO Tips.

# 1.8 Methodology

• Information will be gathered with the aid of many environment organization.

• After identifying each team member’s area of expertise, the work load of the project will be divided among them accordingly to make sure that the fullest cooperation is received by each team member to make this project a success.

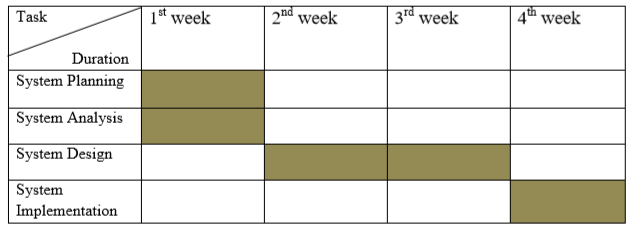
02.PROJECT PLAN

# 2.1 Introduction

In this chapter we discuss how we planned our to create our web site

The time period allocated for the necessary tasks are listed in the below chart

# 2.2 Project Plan

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# 3.1 Introduction

This chapter discusses the terms with respect to the requirement gathering approach and it gives a comprehensive view of how the system is supposed to work and what is expected by the end users.

# 3.2 Fact finding Techniques

Before developing the project we had to do several fact finding in order to get correct requirements for the web site.

# 3.3 Functional Requirements

• Allows admin to making all decision

• Allows all visitors to visit our special visit page.

• Allows all logging members to can upload their photos.

• Allows seller to add items

• Allows seller to display items with description

• Allows buyer to view items

• Allows buyer to view contact details of the seller

• Allows Environmental researchers to post their eco tips and their knowledge

# 3.4 Non-Functional Requirements

Reliability :- Reason for the increased reliability of the system is that, there would be proper storage of information

Scalability :- Number of users supported in the system will mainly depend on the server load, server processing capacity and its memory. It should scale maximum number of users