RED GAP

Website

Processes

Guildford, Surrey

Purpose 2

Scope 3

Processes

# Introduction

## Purpose

The purpose of this document is to describe the processes within the Ruby on Rails Web Application. The purpose is to provide a better understand of a process for development reasons.

The processes within this Ruby on Rails Web Application can be explained within diagrams, a flow chart can perfectly demonstrate a process and its orderly form of events from start to finish.

## Scope

This Scope of this document is only concerned with Processes.

## Definitions, acronyms and abbreviations

Processes:

Processes exist in this Ruby on Rails Web Application and processes consist of many tasks or events which are the result of something.

Ruby on Rails:

A Web Applications Development Language commonly used in creating and making websites.

## Overview

This document first presents a description of the software to provide context and to aid the understanding of the Processes. The Processes are then fully specified and this includes the all within the Web Application.

This document follows the IEEE ‘Recommended Practice for Software Requirements Specification” using the template organization for features [2].

## Description

This description will aim to provide further information for the Web Sites processes. The processes of the Web Application will be defined below and thus the order of events will be defined thus aiding a developer in understanding the flow of the Application.

# Processes

### Accessing the WebSite

The Website will be accessed through the clients web browser and will operate and functionality consistently across all browsers. The User will enjoy a great user experience and it is expected that we will learn the Users Behavior and thus improve their experience.

On initial access, a user will default access the home page. A User may be registered and thus may be logged in, as session and cookie information may exist. If a User is logged in then we will consider them as a User otherwise a Visitor/Guest.

A User as logged in will see immediately from the above navigation bar “Hello Michael” for example. They will be able to access the Quote/Order Page as well Management/User Panel.

A Visitor/Guest will see login/register at the top and thus will be able to through this otherwise if they access Quote/Order page then they will be required to login/register. Additionally Management/User Panel will not be available as they are not logged in.

### Views

### Controllers

## Models

The web application will consist of four models: Address, Admin User, Group, Order, Product, Product Category, Product Order, Product Package, Quote, Quote Confirmation, Quote Reply, User, User Address, User Group, User Quote.

Models defined here are used within the Ruby on Rails Application and should be consistent across other platforms i.e. Mobile Applications including Android.

### Address

The Address Model is used for addresses.

#### Attributes

**ID, Number, Street Address, Street Address 2, City, County, Post Code, Country.**

#### Relations

**Address has many User Addresses.**

**Address has many Users through User Addresses.**