Software Requirements Specification

For

< BlueSky Group >

Version <1.0>

Prepared by

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Revisions

| Version | Primary Author(s) | Description of Version | Date Completed |
| --- | --- | --- | --- |
| 1.0 | Naga Saketh Jaligama | This is the first version of the software requirements specifications document for BlueSky Group. | 03/25/2018 |

# Introduction

## Document Purpose

The purpose of this document is to present a detailed description of the ecommerce website bejewelled. It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate etc. This document is intended for the seasonal developers of the company **BlueSky Group** and will be proposed to the Vice chairmen and technical head of the company.

## Product Scope

This ecommerce website is basically a shopping cart primarily focussing on jewellery products and may increase to the extent of adding clothes, colognes, electronics etc.

## Intended Audience and Document Overview

This document is mainly intended for the people who are interested in body jewellery, but down the line it may be useful for anyone who wanted to do online shopping.

## References:

* <https://play.google.com/store/apps/details?id=com.ganapathy.cricscorer>

# Overall Description

## Product Perspective

The products perspective is to develop an ecommerce website mainly for body jewellery products. It should be to display the high definition images of all the products. It will have all kinds of products like ear rings, rings, bracelets, necklaces, dog tags etc. in different types like gold, gold plated, silver, and sterling silver. It should have a login page that allows the user to register, but it should be designed in such a way that if the user is not interested to register and checkout, he should be able to do a guest checkout. It should have a payment gateway, PayPal/credit/debit etc.

## Product Functionality

The major functions the product must perform are as follows:

* The website should be able to display the images of the jewellery products and each image should have the excellent quality to attract the customers.
* It should be properly organized with respect to the type /style/price of the product.
* It should have proper searching category like price (low to high, high to low), best match, best reviews, free shipping etc.
* It should be able to handle huge database as the images would be high resolution, the DB has to be always incremental.
* It should have a secured payment gateway through PayPal /any credit debit cards.
* It should have a login page and should be able to register n number of users.
* It should be able to register only the U.S resident’s i.e. the addresses that belongs to only U.S.
* It should allow user to allow the guest checkout also other than registered users.
* For any events or holiday season, there should be a way to send bulk SMS to all the registered users about the offers.

## Users and Characteristics

The main intended users for this product are the women interested in body jewellery, young kids interested in ear rings and old people interested in dog tags etc.

## Operating Environment

**System Requirements:**

**OS:** Doesn’t matter unless it’s open source and secured.

**Programming Language:** java/php/ any content management system tools like drupal/joomla.

## Design and Implementation Constraints

* As this website is an ecommerce website, it will have the credit card information of all the regisredted users, so there should be a very highly secured way to protect it from hacking.
* As it’s a jewellery website, the images would be of high quality and consume lot of data, so we need huge place for data.
* In case of any issues, we should have a proper and easy recovery process.

## User Documentation

A document is need having all the instructions for the owner of the company to easily add the images or modify them etc.

# Specific Requirements

## External Interface Requirements

### User Interfaces

* The mobile app should look most probably like

<https://play.google.com/store/apps/details?id=com.ganapathy.cricscorer>

### Hardware Interfaces

* N/A

## Behaviour Requirements

**Time and Budget:**

**Time:**

**Budget:**