PROJECT DOCUMENTATION

**PRODUCT DESCRIPTION**

|  |  |
| --- | --- |
| **Project:** | **Sales Forecasting System for an Industry** |
| Release: | 1.0 |
| Date: | 17/02/2022 |
| **Product Title:** | **SFSI** |
| **Identifier:** | SFSI\_PD#0000 |
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| **PRINCE2** |  |
|  |  |
| Author: | Project Manager |
| Owner: | Project Manager |
| Client: | Mohamed Reghvie |
| Document Ref: | SFSI\_PD#0000 |
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# 1 Product Description History

## 1.1 Document Location

C:\Users\user-pc\Desktop\CIS15-03l\Group5\_ProjectDescription

## 1.2 Revision History

**Date of this revision:**

**Date of Next revision:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision date** | **Previous revision date** | **Summary of Changes** | **Changes marked** |
| 17/02/2022 |  | First issue |  |

## 1.3 Approvals

This document requires the following approvals.

Signed approval forms are filed in the Management section of the project files.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Signature** | **Title** | **Date of Issue** | **Version** |
| Mohamed Reghvie |  | Proprietor | 17/02/2022 | 1.0 |
| Dr.Yasas Jayaweera |  | Project Executive |  |  |
| Abdull Rahman |  | Project Manager | 17/02/2022 | 1.0 |

## 1.4 Distribution

This document has been distributed to:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Title** | **Date of Issue** | **Version** |
| Mohamed Reghvie | Proprietor | 17/02/2022 | 1.0 |
| Dr.Yasas Jayaweera | Project Executive | 17/02/2022 |  |

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# Post-Project Review Plan

## 3 Purpose

The product is a Netbeans application that is designed to facilitate the task of sales forecasting for an industry by incorporating machine learning concepts. The product will be created with the help of machine learning concepts. The product will have interfaces to meet the requirements of the client where each interface supports a different need. The product is expected to function fast while also producing reliable results. It is expected to predict future sales and product demands. The quality manager will continuously assess the project in each production stage to control and maintain the quality of the product. With the help of the quality plan designed by the quality manager, the product will be expected to maintain industry standards and technology standards.

## 4 Composition

The company would have interfaces each with a responsibility. These will be interfaces to:

* Login as an admin
* Add a user as an admin
* View sales and product details
* Predict sales values and product demand
* View predictions in graphical format

## 5 Derivation

This product is derived from the requirements set by the client. The client sets specifications and the product is expected to match the specification set.

## 6 Format and Presentation

The product must necessarily have interfaces to navigate within it easily but no standard appearances have been set for which the product must adhere to currently.

## 7 Allocation

5 individuals will work together to create this product. They are:

* Start Up Manager
* Project Manager
* Quality Manager
* Risk Manager
* Scheduling Manager

## 8 Quality Criteria

The product must confirm entirely to handling past sales data effectively with the help of machine learning concepts to predict future sales and product demands in a reliable and efficient manner. Quality Measurements will include the speed of data handling, speed of results prediction and also the accuracy of results

## 9 Quality Method

While and after the product is created, the product will be compared to industry and technology standards to maintain the quality. The interfaces will be tested periodically to ensure that they handle their responsibility properly. Tests will be run on the entire product to make sure that the product works correctly and produces expected results. Test data will be used to facilitate the need of testing the product.

## 10 Quality Check Skills Required

The quality manager is responsible for the quality checking of the product. He will have the necessary skills such as the knowledge of industry standards and technology standards to ensure that the product is always confirming to quality standards. Furthermore he will be equipped with the knowledge of current sales forecasting systems, their concepts, techniques on machine learning to help with his role as the quality manager.