***Configuration Management Plan***

**Version History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version Number** | **Implemented**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** |
| 1.0 | *Fatma Mohamed* | *4/30/2019* | *Sara Ibrahim* | *5/2/2019* |

1. **Introduction**
   1. **Purpose**

Configuration management (CM) is the ongoing process of identifying and managing changes to deliverables and other work products. It records the information required about a product’s status.

1. **Configuration Management**
   1. **Approach**

We use Github as a configuration management tool in our project because it offers some features that make our productivity better, such as:

1. It makes it easy to contribute to open source projects

2-It makes it easier to get excellent documentation.

3- It is one of the largest coding communities, so it’s wide exposure to our project.

4- Track changes in the code across versions

5- It can integrate with common platforms such as Amazon and Google Cloud.

## 3- CONFIGURATION MANAGEMENT ACTIVITIES

## 3.1- Configuration Items

## We have 3 branches on our repository in addition to master, branches are (Documents, Developer, Tester)

## 1-Documents branch Contains:

## Issues and Risks document

## Project plan document

## Requirement Traceability Matrix (RTM)

## Requirements

## Software Interactive Questionnaire (SIQ)

## Software Requirement Specification (SRS)

## Configuration Management plan

## Configuration item list (CIL)

## Project Schedule

## SRS peer review sheet

## RACI document

## Work breakdown structure

## 2- Developer Branch Contains:

## Code files

## 3- Tester branch contains:

## Test cases files

## 3.2- Configuration Identification

## One of team member created the repository on GITHUB called “CarPurchasing” and added the rest of the members

## Created 3 branches as mentioned above, and all members clone this repository and work on it, each team member can add, update or delete files, and only who created the repository can merge with master on it.