# NGO MANAGEMENT

# Project Abstract

## Version 1.0

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# 1.0   Purpose of this document

This document provides an overview about the business need and the solution that can be provided to fulfil the objective.

# 2.0   Business Case

There are many places or people in the locality that we live in, such as dirty beaches, old age homes, rarely maintained government buildings which need the help of NGOs. Also there are organizations such as NGOs who are willing to help. The need is to develop a web application that will be available to all the people. There should be two profiles: one for a normal user who can register such events or things that need the care from an NGO, other for Admin who can overlook these events are taken care of and also register the NGOs who wish to help.

The solution developed will address the objective in a holistic manner and will have all the features and functionalities which shall let a user be able to register for such events along with details such as date of notice, place and short description of how can NGOs help in that situation.
Admin can view the posts, accept/reject the NGO subscriptions and register new NGO's.
When an NGO decides to help for a particular event, it should be able to nominate for that event. An event should be declared closed when the need has been catered by the NGO. As an NGO, a community can login and search for nearby events that need their help.

# 3.0   Technologies Recommended

| Front End | Java (HTML5,CSS3, JavaScript, Angular) |
|-----------|----------------------------------------|
| Middleware | Java (Spring, Spring MVC, Hibernate MVC , WEB API2) |
| Backend | Oracle/SQL Server |

# 4.0   Hardware and Software Requirements

| Technology | Hardware | Software |
|------------|----------|----------|
| Java | Desktop PC with 8GB RAM | 1. Node.js 10.15.1<br>2. Angular 5.0<br>3. Visual Studio Code 1.30<br>4. Eclipse IDE for Java EE Developers (Oxygen)<br>5. Maven 3.6.0<br>6. Tomcat 9<br>7. MySQL Community Server 8.0<br>8. MySQL Workbench 8.0.14<br>9. Putty<br>10. WinSCP 5.9.4<br>11. Oracle 11g express version |

# 5.0      Terms and conditions

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# 6.0    References

# 7.0    Change Log