1. Introduction

1.1 Purpose

The purpose of this deployment guide is to describe in technical terms the steps necessary to deploy this website and make it operational.

1.2 Revision history

The Revision history table shows the date, changes, and authors who have worked on this document.

Version/Change request number	Version date	Description of changes	Author
V1.0	13/09/2018	First Draft	Loco

1.3 Intended Audience and reading suggestions

This Installation and Deployment Guide is intended to be used by technical stakeholders of the project who will be responsible for planning, performing, or maintaining the installation or deployment, such as the Systems Administrator, Chief Information Officer (CIO), Analysts, or Developers.

1.4 This section provides a list of all known stakeholders with an interest in the project.

Name	E-mail address	Role
Raha	rahamayamin@gmail.com	Backend Developer
Sakib	Sakibahmed872@yahoo.com	Bug Tester
Debashish	Debashish333paul@gmail.com	Frontend designer
Shadman	Shadmankhan95@gmail.com	Deployer

1.5 References

Reference No.	Document	Author(s)
REF-1	https://www.w3schools.com/	w3school
REF-2	Php.net	Php developer
REF-3	https://laracasts.com/discuss/channels/testing/user-login-tests-and-model-factories	Laracast
REF-4	https://www.mysql.com	Mysql

2. Server Configurations

We need localhost servers or hosting services to run this website fully. For local hosting, we used xammp. Xammp has inbuilt servers that can be used to deploy the website.

We also need MYSQL database to store datas of our website. Those include encrypted login data, post content as well as post ID.

2.1 Server 1 (Database)

Installation of this product is supported on the following operation systems and versions:

* Windows 7
* Windows 8.1
* Windows 10
* linux

2.1.1 Features, and Packages

Packages

The following software packages must be installed on the operating system prior to installation of the software:

* Microsoft SQL Server 2008 R2 (see REF-4)
  o Database Engine
  o Connectivity Components
  o Management Tools

2.1.2 Configuration

SQL Server Configuration:

Authentication

Mixed mode authentication should be enabled

SQL Server Network Configuration

TCP/IP should be enabled

Named Pipes should be enabled

3 Software Installation

3.1 Prerequisites

1. All steps in section 2 "Server Configurations" have been performed.

3.1.2 Installation Steps

    1. Open SQL Server Management Studio

2. Create a new database catalog named "Loco".

3. Create a new user configured for SQL Authentication named "authentication_owner" and note the password in section 3.1.3.

4. Use the following :

    Server Name : localhost

    User Name   : root

    Password   : Loco

5. Testing the installation

5.1 Open Mozilla Firefox in your pc.

5.2 Navigate to http://localhost/loco/. Or If it is hosted on the web, then write the web address.

5.3 Ensure that the login, registration works and after you post something, it works flawlessly.