

## Project Work Report: BaiManus.in

**\*\*Project Name:\*\* BaiManus.in**

**\*\*Date:\*\*05-10-2024**

### 1. Introduction

Provide a brief introduction to BaiManus.in, including the changes and progress.

## 2. Problem Faced During Project

### 2.1 Unavailability of Project Code in Local System

Description: The project code was not initially available on the local system, complicating local development.

Issues: Lack of a local Git repository meant no straightforward version control or collaboration options.

### 2.2 Missing GitHub Repository for Code Storage

Description: The project lacked a GitHub repository, leading to challenges with code backup, sharing, and version tracking.

### 2.3 Lost AWS Key Pairs File

Description: AWS key pairs file was lost, impacting access to instances without regenerating new key pairs.

## 3. Solution for Code Backup Using AWS

### 3.1 Create AMI for baimanus-backend Instances

Steps Taken: Created an Amazon Machine Image (AMI) for baimanus-backend instances to serve as a snapshot for code backup.

### 3.2 New Instance Creation and Key Pair Generation

Description: Created a new EC2 instance from the AMI to replicate the production environment.

### 3.3 Code and Database Backup

Backend Code: Retrieved backend code from the new instance to ensure continuity in the development process.

## 4. Backend Code Adjustments

### 4.1 Increase Word Limits for Headings and Short Descriptions

Purpose: Enhanced content flexibility by increasing word limits.

### 4.2 User Login and Article Access Issue

Issue Resolved: Addressed problems related to user login and restricted article access.

#### 4.3 Improved Search Functionality

Description: Added new search parameters for author name, meta keywords, and descriptions.

### 5. Frontend Code Adjustments

#### 5.1 Backup frontend code on Firebase:

The frontend code folder is not available on the local system due to some issues faced during the backup process.

#### 5.2 Missing `package.json` file:

Work is ongoing to back up all files on Firebase.