# **BHAGWAN MAHAVIR COLLEGE OF MANAGEMENT**

## **Progress Report - 1**

**Student Details:**

| **Program & Semester** | **Enrollment Number** | **Name** |
| --- | --- | --- |
| MCA SEM-4 | 2205030201016 | Devani Shani R. |
| MCA SEM-4 | 2205030201035 | Kaklotar Jaydeep R. |
| MCA SEM-4 | 2205030201047 | Patel Akshitkumar A. |

**Project Title:** DAS ERP System

**Objective of the Project:** ERP System to Manage Purchase, Manufacturing, Inventory, Sales, POS(Point of Sale), E-commerce, Accounting, Dashboard, and HR.

**Project Category:** Web Application

**Front End:** Odoo 16.0, Python

**Back End:** PostgreSQL

## **System Analysis**

* **Existing System:**

| **Software** | **Website Link** |
| --- | --- |
| **Letstranzact** | [Click](https://resource.letstranzact.com/production-planning-control-tool) |
| **Nestorbird** | [Click](https://nestorbird.com/manufacturing-erp-software/) |
| **Accountserp** | [Click](https://accountserp.com/ProductManagement.aspx) |

* **Need for the New System:** 
  + Mostly Existing Systems are Paid, and not Affordable for Small Businesses.
* **The objective of the New System:**
  + be affordable for Small Businesses and help them to grow their business.
* **Problem Definition:** 
  + Users face difficulties in data backups on the application.
  + absence of a dedicated Web Application for Multi Branch and Small Business product management Systems.
* **Core Components/Modules:**
  + Sales
  + Purchase
  + Inventory
  + Manufacturing
  + HR
  + POS
  + Company Website with E-commerce
* **Project Profile:**
  + **Platform:** Odoo 16.0
  + **Developer:** Devani Shani
  + **Resources & Testing:** Kaklotar Jaydeep & Patel Akshitkumar
* **Advantages and Limitations of the Proposed System:**
  + **Advantages:**
    - Low cost
    - Easy to use
    - Multi-Company(Branching)
    - Multi-User
    - Auto Backup
  + **Limitations:**
    - Some time not working for windows
* **Targeted Users:**
  + Small Business
  + Big business
  + Multi-branch business
  + Manufacturer

**Date:** 15 – 02 - 2024

**External Guide Details**

**Name:** Mr. Mayank Rameshbhai Chanllawala

**Signature:**