

MAJOR / MINOR PROJECT ABSTRACT [Form - 1] (YEAR - 2023)

NAME OF LAB COORDINATOR: MRS. SANJU CHAUDHARY

TITLE OF PROJECT: AI BASED PERSONALIZED PRODUCT RECOMMENDATION SYSTEM

PROJECT TRACK: (Tick the appropriate one / ones)

1. R&D (Innovation)	2. CONSULTANCY (Fetched from Industry)	3. STARTUP (Self-Business Initiative)	4. PROJECT POOL (From IBM / INFOSYS)	5. HARDWARE / EMBEDDED
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BRIEF INTRODUCTION OF PROJECT:

A WELL DEVELOPED AI RECOMMENDATION SYSTEM THAT HELPS BUSINESS IMPROVE THEIR SHOPPER'S EXPERIENCE ON WEBSITE AND RESULT IN BETTER CUSTOMER ACQUISITION AND RETENTION.

TOOLS / TECHNOLOGIES TO BE USED:

NAME OF TOOL / TECHNOLOGY	VERSION	SOFTWARE / HARDWARE	PURPOSE OF USE
PYTHON	3.3	SOFTWARE	INTEGRATING FRONTEND & BACKEND
JUPYTER NOTEBOOK	6.5	SOFTWARE	BUILDING & TRAINING MODEL
HTML / CSS	5 / 3	SOFTWARE	BUILDING UI (WEBPAGE)
VS CODE	1.78	SOFTWARE	CODE EDITOR TOOL

PROPOSED PROJECT MODULES:

NAME OF MODULE	PROPOSED FUNCTIONALITY IN PROJECT
DEVELOPING & TRAINING MODEL	FOR GETTING PERSONALIZED RECOMMENDATION
DEVELOPING WEBPAGE	FOR VIEWING & USING RECOMMENDATION SYSTEM
DATABASE REFACTORING	FOR BETTER TRAINING OF MODEL

TEAM MEMBER DETAILS:

STUDENT NAME	CLASS & GROUP	MOBILE No.	EXPERTISE AREA	ROLE IN PROJECT
MOHD. ARSHAD	IT-B-G3	9352020603	DATABASE	MANAGING DB & DOCUMENTATION
MOHIT SINGHAL	IT-B-G3	8955849585	FRONTEND	DEVELOPING FRONTEND
MUQUL PALOL	IT-B-G3	7597255124	BACKEND	DEVELOPING RECOMMENDATION MODEL

NOTE: 1. This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator.
2. Students must keep a Xerox copy of this form as reference for project work and attach it to final report.