**TITLE OF THE PROJECT**

**Submitted by**

**Name of the Students:** XXXXX XXXXXX XXXXX

**Enrolment Number:** 00000000000000

**Section:** X

**Class Roll Number:** 00  
**Stream:** XXX

**Subject:** Programming for Problem Solving

**Subject Code:** ESC103

**Department:** Basic Science and Humanities

Under the supervision of

<Name of the Teachers>

**Academic Year: 2022-26**

PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE FIRST SEMESTER



**DEPARTMENT OF BASIC SCIENCE AND HUMANITITES**

**INSTITUTE OF ENGINEERING AND MANAGEMENT, KOLKATA**



**CERTIFICATE OF RECOMMENDATION**

We hereby recommend that the project prepared under our supervision by **Name of the Student,** entitled <TITLE OF THE PROJECT REPORT> be accepted in partial fulfillment of the requirements for the degree of partial fulfillment of the first semester.

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Head of the Department Project Supervisor

Basic Sciences and Humanities

IEM, Kolkata

# Introduction

Write your introduction here

Write your introduction here

Write your introduction here

Write your introduction here

## Objective

Write about the objective of the project

Write about the objective of the project

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Write about the objective of the project

## Organization of the Project

Write about each of the sections in which the project is organized.

# Database Descriptions

Describe the different databases that are used in the project

## Database Samples

Provides samples of the database that are created or used. You may use screenshots.

# Data Flow and E-R Diagrams

Demonstrate the dependency of all the python modules written using data flow diagrams



# Programs

Provide the python programs of the various modules.

1. rootDir/main.py

class Person:

def \_\_init\_\_(self, name, age):

self.name = name

self.age = age

def myfunc(self):

print("Hello my name is " + self.name)

p1 = Person("John", 36)

p1.age = 40

print(p1.age)

1. rootDir/program1.py

class MyNumbers:

def \_\_iter\_\_(self):

self.a = 1

return self

def \_\_next\_\_(self):

x = self.a

self.a += 1

return x

myclass = MyNumbers()

myiter = iter(myclass)

# Outputs

Describe sample outputs to demonstrate the functionalities in programs.  
You may use screenshots.