PYTHON PROJECT

Submitted by

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Enrolment Number:12022002019027
Section: D
Class Roll Number: 48
Stream:CSE
Subject: Programming for Problem Solving with Python
Subject Code: IVC101
Department: Basic Science and Humanities

Under the supervision of
SWARNENDU GHOSH

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 **AKASH KUMAR SAH** entitled PYTHON PROJECT be accepted in partial fulfillment of the requirements for the degree of partial fulfillment of the first semester.

_PRABIR KUMAR DAS_____ SWARNENDU GHOSH_____

Head of the Department
Basic Sciences and Humanities
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Project Supervisor

1 Introduction

Write your introduction here
Write your introduction here
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1.1 Objective

Write about the objective of the project
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1.2 Organization of the Project

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

2 Database Descriptions

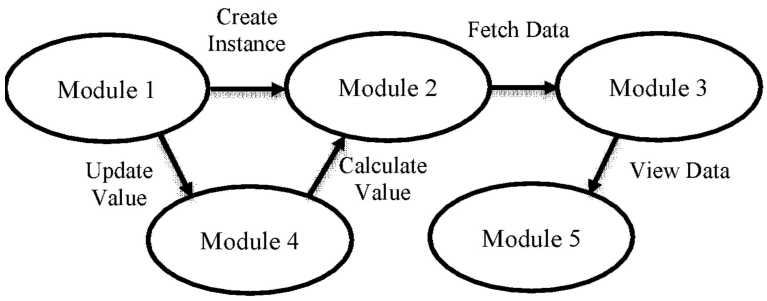
Describe the different databases that are used in the project

2.1 Database Samples

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

3 Data Flow and E-R Diagrams

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



4 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)
```

2) 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)
```

5 Outputs

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