BITP 1323 DATABASE

GROUP PROJECT

DATABASE BITP 1323

**PROJECT TITLE**

Prepared by:

TABLE OF CONTENT

1. **INTRODUCTION**
2. **PROBLEM STATEMENT**
3. **BUSINESS RULES**
4. **ENTITY RELATIONSHIP DIAGRAM (ERD)**

Chart

Description automatically generated with medium confidence

**Diagram 1: ERD for PROJECT**

1. **DATA DICTIONARY**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Attribute Name** | **Content** | **Type** | **Format** | **Range** | **Required**  **(Yes of No)** | **PK or FK** | **FK Referenced Table** |
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**Table 1: Data Dictionay for PROJECT**

1. **SQL (DDL)**

**DDL : CREATING TABLES**

CREATE TABLE ENTITY1

(

ATTRIBUTE1 NUMBER,

ATTRIBUTE2 VARCHAR(30),

ATTRIBUTE3 VARCHAR(40),

CONSTRAINT PK\_ENTITY1 PRIMARY KEY (ATTRIBUTE1));

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1. **SQL (DML)**

**DML : INSERTING DATA**

1. **QUERIES**
   1. Selection and Projection (2 Queries)
   2. Aggregation and Grouping (2 Queries)
   3. Join – Inner (3 Queries)
   4. Join – Outer (1 Query)
   5. Nested Queries (2 Query)