

# Template

## Introduction

Describe what the mini-world is about.

## Purpose

Describe the purpose of the database.

## Users

Describe the users of the database.

## Applications

Describe the applications of the database in the real world.

## Database Requirements

### Entities

#### 1. Entity 1

- a. Attribute 1

*Mention all the constraints of the attributes.*

- b. Attribute 2

#### 2. Entity 2

- a. Attribute 1

- b. Attribute 2

#### 3. Entity 3

- a. Attribute 1

- b. Attribute 2

### **Weak Entity:**

Mention all the weak entities.

## Relationships

### 1. Relationship 1

*Provide more information about relationship like*

- a. Degree
  - b. The relationship is between which entities
  - c. Cardinality constraints, ratios
  - d. ...
- ### 2. Relationship 2
- ### 3. Relationship 3

## **n>3 Relationships:**

List all the n>3 relationships.

## Functional Requirements

### Modifications

1. Insert:
2. Delete:
3. Update:

### Retrievals

1. Selection:
2. Projection:
3. Aggregate:
4. Search:
5. Analysis: