CmpE321 – Project 2

Simple Storage Manager Implementation

1 Project Description

In this project, you are expected to implement the storage manager that you have designed in the first assignment. It is allowed to make necessary changes in the design. The implementation must support operations below. DDL Operations • Create a type • Delete a type • List all types DML Operations: • Create a record • Delete a record • Search for a record according to key• List all records of a type.

You may use any programming language.

Report:

You are expected to submit a report written in Word that contains the sections below. State clearly changes made to the first Project, if any.

1. Title Page: Write course name, semester, assignment title, your name and student number.

2. Introduction: Briefly describe the project in your own words.

3. Assumptions & Constraints: Clearly specify your assumptions and constraints of the system in an itemized or tabular format.

4. Storage Structures: Specify the part of the code that corresponds to each storage structure.

5. Operations: Specify the part of the code that corresponds to each operation.

6. README section to explain how to run your code and specify input and interpret output.

6. Conclusions & Assessment: Evaluate your design. Discuss possible improvements.

Submission

Due August 31, 2020. Upload your code and report to Google Drive and send me the link. You are also going to make a demo for me.