**Southeastern Louisiana University – CSIT Department**

**CMPS 439 Database Systems**

# SURLY I Report

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## Who is on your team and what's the division of labor?

I am currently working on my implementation of SURLY alone.

## What programming language did you select and why?

I chose to use Java for my SURLY project because I am already familiar with it but have never worked on a project using Java that was on the same scale. Using Java gives me the opportunity to learn libraries and other parts of Java that I am not yet familiar with.

## List libraries or programming language features you made use of?

* LinkedList
* ListIterator
* BufferedReader

## Deliverables

|  |  |
| --- | --- |
| **Checklist of deliverables** |  |
| Hardcopy of | I |
| This writeup | x |
|  |  |
| Zip file containing | I |
| This writeup | x |
| Test cases showing input/output | x |
| Source code | x |
| README.TXT \* | x |

## Coverage - SURLY Part I

|  |  |  |
| --- | --- | --- |
| **version** | **Feature** | **Covered/Comment** |
| I | Relation | Completed |
| I | Insert | Completed |
| I | Print | Needs additional formatting |
| I | Index - Heap |  |
| I | CATALOG |  |

## How did you implement

### SURLY I

* **Relations** – A LinkedList of Tuples.
* **Tuples** – A LinkedList of Attributes.
* **Attributes** –

### Limitations of the current release.

The current release can accept input, create the database and tables, and print the relations.