

## CSc 484 – Assignment #4 – Gamradt

Due: 04-23-24 @ 9:30 AM

Name(s): \_\_\_\_\_

You may work in groups of up to 3 students

A video rental store used the following table to store the video rental information

Each video has a unique identifier and has one value for its Title, Star, Year Filmed, and Length

Each customer is uniquely identified (cuID)

For each customer, their name (cuName) and address (cuAddress) are also recorded

Each time a customer rents a video, the Ship Date and Return Date are recorded

### VideoRental

VideoID	Title	Star	YearFilmed	Length	cuID	cuName	cuAddress	ShipDate	ReturnDate
001	Deadpool	Reynolds	2016	1:48	c001	John	110 Main Ave	4/11/18	4/18/18
					c003	Sally	302 5 <sup>th</sup> St	5/5/18	5/12/18
					c002	Bill	101 1 <sup>st</sup> Ave	1/1/19	1/8/19
002	Empire Records	LaPaglia	1995	1:30	c002	Bill	101 1 <sup>st</sup> Ave	1/1/19	1/8/19
					c004	Mary	202 6 <sup>th</sup> St	4/1/19	4/8/19
					c005	Twila	333 Medary Ave	7/4/18	7/11/18

Apply Normalization to decompose the table VideoRental into a set of 3NF relations

Show this data in 1NF

Show this data in 2NF

Show this data in 3NF

Show all:

- Primary Keys
- Foreign Keys