

CSE 344

Intro to Data Mgt

25 wi

James Wilcox

Design a data structure for staff members and their cars?

```
class StaffMember {  
    int user-id;  
  
    String name;  
    String job;  
    int salary;  
    List<String> cars;  
}
```

NO

name	Cars
Jack	{Charger}
Allison	{}
Magda	{Pinto, Civic}

```
class StaffMember {
```

```
    int user-id;
```

```
    String name;
```

```
    String job;
```

```
    int salary;
```

```
    List<String> cars;
```

```
}
```

The only collection
is the relation

Payroll

user-id	name	j	s
---------	------	---	---

123	Jack	TA	60k
-----	------	----	-----

567	Magda		
-----	-------	--	--

789	Dan		
-----	-----	--	--

Regist

userid	model
--------	-------

123	Charger
-----	---------

567	Pinto
-----	-------

567	Civic
-----	-------

```
class StaffMember {
```

```
    int user-id;
```

```
    String name;
```

```
    String job;
```

```
    int salary;
```

```
    List<String> cars;
```

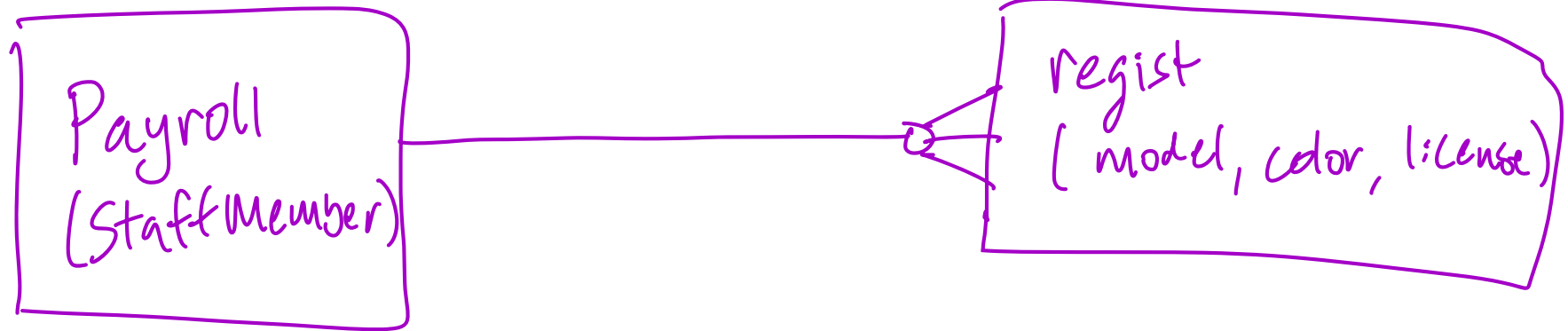
```
}
```

Payroll

user-id	name	job	salary	car
123	Jack	TA	60k	Charger
567	Magda	Prof	70k 60k	Pinto
567	Magda	Prof	70k	Civic
789	Dan	Prof	80k	NULL

Talk to neighbors

Did you know a Pinto
is a car before this quarter?



"many to many"

interactive

vs

programmatic

