**? Do we need to name the methods the same as on the rubric?**

**? Is there a difference between “survey’” and “test”?**

**? What’s the difference between “display” and “load”?**

**? Question about inheriting private data**

**? Question about re-listing all inheritance data and methods**

**? Do we list constructors on a UML diagram?**

**? Can we have attributes and methods in the base class which aren’t used in derived classes?**

**Professor Database, Student Database, Survey Database**

**Controller**

+loadUsers()

* read Professor Database, instantiate, add to ProfessorList
* read Student Database, instantiate, add to StudentList

+loadSurveys()

* read Survey Database, instantiate, add to SurveyList

+login()

* ask for name and password
* compare to ProfessorList and StudentList
* instantiate relevant Professor or Student object
* display available actions

**User**

-name

-password

-classes

+getName()

+getPassword()

+getClasses()

+changePassword()

+displaySurveys()

* list Surveys based on classes

**Student : User**

+takeSurvey()

* +Survey.load()

**Professor : User**

+addProfessor()

* ask for name, password, and classes
* instantiate new User
* write to Professor Database and ProfessorList

+addStudent()

* ask for name, password, and classes
* instantiate new User
* write to Student Database and StudentList

+createSurvey()

* ask for name and class
* instantiate Survey
* Survey.modify()

**Survey**

-title

-class

-questions

+getTitle()

+getClass()

+delete()

* remove from Survey Database and SurveyList

+save()

* write to Survey Database and SurveyList

+modify()

* ask to add or delete question
* +save()

+addQuestion()

* ask for question type
* instantiate Question
* add to Survey.questions

+deleteQuestion()

* +load()
* delete from Survey.questions

+load()

* Question.display()

**Question**

+display()

+answerQuestion()

**MultChoice : Question**

-inquiry

-answers

-selectedAns

**TrueOrFalse : MultChoice**

**Write: Question**

-prompt

-answer

**ShortAnswer: Write**

**Essay:Write**

**Match: Question**

-choices

-answers

-orderedAnswers

**Matching: Match**

**Ranking: Match**