

If you were not here to do this with your team, you must complete it by the next class period and place it in your personal "To Be Graded Folder on Mars."

Team # = \_\_\_\_\_ Team Name \_\_\_\_\_

Project Name \_\_\_\_\_ Sub-System Name \_\_\_\_\_

Print Name \_\_\_\_\_

Signature \_\_\_\_\_ (pledged)

## Architecture Diagrams – Class Diagrams for Sub-System-1 **Final Project**

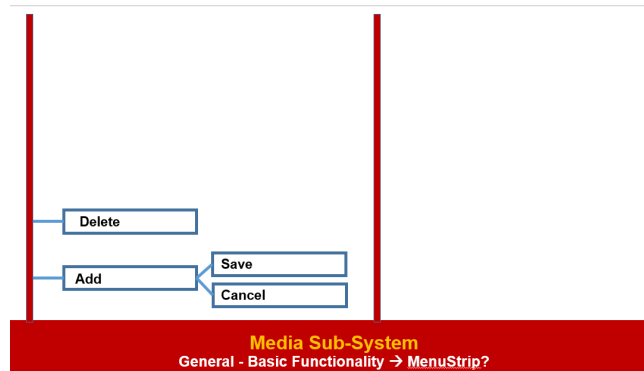
**30 Points**

Personal Assignment

- 1] Download a copy of **Team-X-Template-Architecture-Diagram.pptx** power point from your team folder.
- 2] Rename this presentation → **TomH-Template-Architecture-Diagram.pptx** ← use your first name and initial.
- 3] I normally hope you devote 6-7 hours to Software Engineering between Thursday and Tuesday each week.
- 4] Name your spreadsheet → **TomH-Class-Diagram.pptx** ← use your first name and initial.
- 5] The chapter homework may take an hour? I would like you to spend at least 5 hours a) writing the Field and DataTypes for your Sub-System Class Diagram (CD) & b) completing the 11 slides in your Sub-System Architecture Diagram.
- 6] The presentation breaks the functionality into
  - 1- \_\_\_\_\_ General, or B\_?\_ Functionality
  - 2- \_\_\_\_\_ Na\_?\_
  - 3- \_\_\_\_\_ Or\_?\_ By
  - 4- \_\_\_\_\_ Se\_?\_ Fi\_?\_
  - 5- \_\_\_\_\_ Te\_?\_

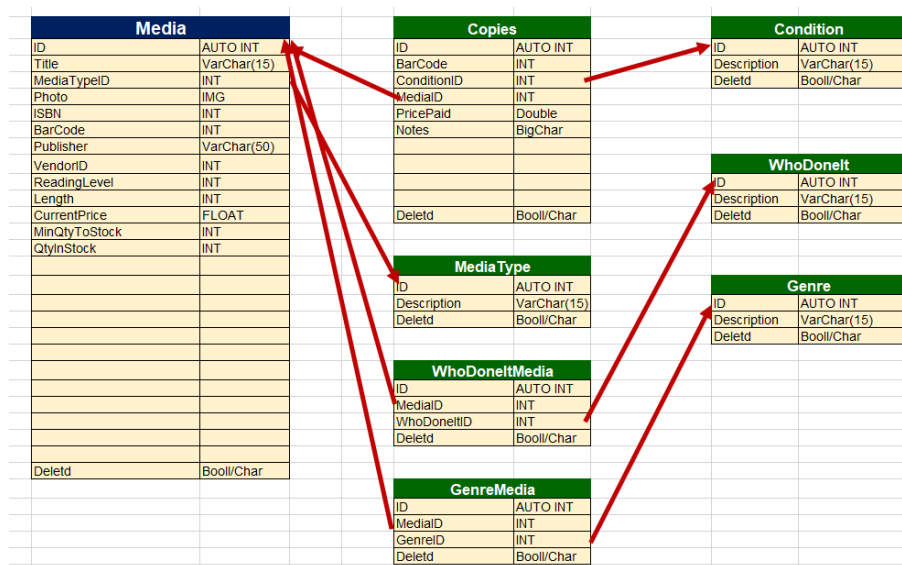
- 6- \_\_\_\_\_ Se\_?\_
- 7- \_\_\_\_\_ Su\_?\_ Cl\_?\_ Support
- 8- \_\_\_\_\_ Sh\_?\_ C\_?\_ Jumps
- 9- \_\_\_\_\_ Tr\_?\_ V\_?\_ (if any)
- 10- \_\_\_\_\_ Fo\_?\_ That Go With Sub-System
- 11- \_\_\_\_\_ Names of Re\_?\_

7] Use graphical symbols, like those below, to communicate all of the sub-system functionality. It is to be used to communicate with both your developers and your stakeholders. Complete all eleven slides.



8] Complete the 11 slides for one of your Sub-Systems

9] Be sure that your class diagrams include something like the following. **Supporting Classes?**



- 1] \_\_\_\_\_ {Initial/Pledge} I have placed a copy of → **TomH-Template-Architecture-Diagram.pptx** in the Team's → "To Be Graded Folder"
- 2] \_\_\_\_\_ {Initial/Pledge} I have placed a copy of → **TomH-Template-Architecture-Diagram.pptx** in your personal → "To Be Graded Folder"
- 3] \_\_\_\_\_ {Initial/Pledge} I have placed a copy of → **TomH-Class-Diagram.pptx** in the Team's → "To Be Graded Folder"
- 4] \_\_\_\_\_ {Initial/Pledge} I have placed a copy of → **TomH-Class-Diagram.pptx** in your personal → "To Be Graded Folder"
- 5] \_\_\_\_\_ {Initial/Pledge} I have placed a copy of → **TomH-Template-Architecture-Diagram.pptx** on my personal computer or my flash drive.
- 6] \_\_\_\_\_ {Initial/Pledge} I have placed a copy of → **TomH-Class-Diagram.pptx** on my personal computer or my flash drive.