***Activity Sheet for Unit I***

***Problem statement***

***In VIT University, Students are assigned to particular subjects in a Semester. The Library contains a variety of books related to the subjects but only few of them relate to the prescribed syllabus. Thus, through this app the Instructor can assign those specific books that he/she finds useful for the students reference. The Students can go through, only the books which are assigned to their shelf by the Instructor.***

1. Using power point / VB or any visual tool, give a tentative look for your app. [To be answered after Hour I]
2. Explain the diagram below [To be answered after Hour II]



1. Which SDLC Model you prefer for the above Problem Statement? Justify.

Search about WBS and give the detailed WBS for your Model. [To be answered after Hour III]

1. What are the functional and non functional requirements for the above? [To be answered after Hour IV]
2. Where are the user and system requirements? [To be answered after Hour V]
3. Write SRS for the above problem including all system models. [To be answered after Hour VI]
4. Explain the diagram below



1. Create 4 discard able prototypes for the above problem statement. [To be answered after Hour VII]
2. Write few formal specifications for the above problem.[ To be answered after Hour VII]