1. Consider the blood supply model we study in class. The model includes a common work model that enables the design and the java implementation programs for different roles like the receptionist office, nure work area supporting nurses, lab work, and inventory management. The model incorporates ideas for donor definition and donation action. Draw a precise UML class definition of the model we studied in class with all inheritance and connection relationships. Please be clear with all your naming conventions and drawings.
2. Suppose we want to include the donor registration process into the model above, explain how you extend the model support donor registration. Justify your answers and make whatever assumptions you find reasonable and necessary.