Research the library and/or the world-wide-web and find two examples of large software systems (several hundreds of thousands or millions of lines of code) that have been developed by companies during the last decade. In your own words, describe the software systems in terms of main goals, main components (or sub-systems), and functionality (300-400 words for each). Indicate the references used. [10 points]

Give an example of a software product that you, as an entrepreneur and project manager, would like to develop with a group of 3 to 5 software engineers under your supervision. Describe this product (in 300-500 words) and explain why it would be a useful software. Also, briefly outline how you would organize your team and what type of professionals you would like to work on the project. [10 points]

The following table sets out a number of activities, durations, and dependencies. Draw an activity network chart and a bar chart showing the project schedule. Indicate the critical path and specify the minimum time required to finish the project. [15 points]
   [10 points]

   [5 points]

**Notes on submission:**

- Remember that this is an *individual assignment*, not a team work. Thus, collaboration is not allowed.
- Hand in the *printed hardcopy* of your assignment to the instructor in room SEM-236. If he is not there, slip your assignment under his office’s door.