Names \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**BA 352: ICE 7**

1. Download one of the free project management software packages to your computer or if it’s web-based just use it off the web. Your choice, choose wisely. **List your choice** clearly so I know which one you’re using.

Which free software did you try? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Re-do ICE 4 (problem **1)** below). Try to do everything we did in MS Project (or as close to it as possible, your software might be different). *It’s OK if you can’t do everything* – maybe your software choice doesn’t have same functionality as MS Project. But if it doesn’t do everything, make a note of it and discuss exactly what you couldn’t do in the free program that you could do in MS Project.
2. Overall, is the software you downloaded about the same, more difficult to use, or easier to use than MS Project? Also, would you recommend it to other students or to someone who wants to use project planning software but doesn’t want to drop $$$ on MS Project?

|  |  |  |  |
| --- | --- | --- | --- |
| Act | I.P. | Time | Slack |
| A | --- | 30 |  |
| B | --- | 10 |  |
| C | --- | 7 |  |
| D | B | 12 |  |
| E | B | 5 |  |
| F | C | 6 |  |
| G | F | 2 |  |
| H | F | 12 |  |
| I | D | 5 |  |
| J | E,G | 6 |  |
| K | H,I,J | 10 |  |
| L | H | 12 |  |
| M | K | 3 |  |

**1)** The data on the right is the project from Take Home Exam 1. Now, use free software to analyze it. Assume the project (specifically, activities A, B and C) will begin next Monday 4/4/22 and answer the questions below.

1. Enter the data into MS Project. i) What is the completion date for the project? ii) How many days will it take? (The answer is 40, but this is not obvious from the default output – see if you can figure out a way to get the free software to output 40 days.)
2. i) What is the critical path and what are the Total Slack times for each activity? ii) Highlight the critical activities. iii) Change the color of the critical path on the Gantt chart on the right. iv) See if you can find the slack times.
3. Attach two things: i) The Gantt chart with the critical path in a different color (your choice). ii) The network diagram if you can get the free software to do it.