1. A senior MIS design class project team has developed the following schedule of activities for their project, using their best estimate of completion times. Both written and oral reports are required. Draw the project network. What is the Critical Path?  Can they complete the project in the 38 class days remaining until the end of the semester?

|  |  |  |
| --- | --- | --- |
| Activity | Time | Immediate Predecessor |
| A.  Find client | 4 | --- |
| B.  Write prospectus | 2 | A |
| C.  Obtain approval from client and professor | 3 | B |
| D.  Complete programming | 12 | C |
| E.  Do industry background research | 10 | --- |
| F.  Write final paper | 6 | D, E |
| G.  Write oral report | 5 | D, E |

1. From this schedule of activities, draw the PERT/CPM network.

|  |  |
| --- | --- |
| Activity | Immediate Predecessor |
| A | --- |
| B | A |
| C | B |
| D | B |
| E | A |
| F | C, D |
| G | E, F |