4.2 Management activities such as proposal writing, project planning and personnel selection require a set of skills including presentation and communication skills, organisational skills and the ability to communicate with other project team members. Programming skills are distinct from these (indeed, it is a common criticism of programmers that they lack human communication skills) so it does not follow that good programmers can re-orient their abilities to be good managers.

4.6 The activity chart and bar chart are shown as Figure 4.1 and 4.2.

4.9 Other possible risks are:

Technology: Communications network saturates before expected transaction limit is reached.
People: Level of skill of available people is lower than expected.
Organisational: Organisational changes mean that the project schedule is accelerated.
Tools: CASE tools cannot handle the volume of data available for large systems.
Requirements: New non-functional requirements are introduced that require changes to the system architecture.
Estimation: The difficult of the software is underestimated.
Figure 4.2 Task bar chart