Two models in this paper with infinite and finite recording of project issues that come up during implementation are treated. In the models when project team and funding are available, issues come up and they are settled once the cause is fixed. In one model infinite number of issues are recorded. In another model the recording is stopped at a level and it is resumed when the recorded number falls due to settlement. Stationary probabilities of number of issues to be fixed and mean are obtained without the use of iterative methods. Matrix analytic method is used and the matrix G has explicit structure. With the same set of all parameters and by varying the issue rate numerical results of both models for comparison are presented.


**Index Terms**

Computer Science               Information Sciences

**Keywords**

Infinitesimal generator    Stationary Probability    Matrix Analytic Methods