



- (b) it will save time and effort, on the part of the student and the faculty as well, when dealing with course materials that are already in the knowledge-base;
- (c) it will enhance the students' academic performance by providing an efficient, effective, and automated mentoring system;
- (d) it will provide the faculty with the facility to address the course topics more broadly and deeply; and finally,
- (e) it will provide a much richer learning environment for the students.

### **3. Evaluation**

The proposed project will be tested and evaluated by the students of CS230 (Fundamentals of Computing) course in the Fall and Spring semesters of academic year 1999-2000. These students will answer survey questionnaires that will be collated and analyzed. In addition, the project investigator has been teaching CS230 (Fundamentals of Computing) for the past three years and has accumulated a wealth of statistical data that can be used as reference materials or bases for evaluating the effectiveness of the project.