4067cem

Software design

The Ethical ISSUES RELATED TO SOFTWARE.

Practicing ethics while creating software has not exactly been a part of software development. The reason being is that it had not played a major role in the day-to-today lives of people in the early generations, but in today’s modern society it depicts the states of your life and well-being, as humankind has left its hands into modern technology, this would be the fate of it.

When looking at a programming forum where students, lecturers, and people of a certain profession are given the option to ask/answer questions in relation to programming, as well as publishing them, we see that it may still have problems of ethical issues in the forum. This however can be avoided on the forum if the users place an act of conduct of not misusing the benefit given in the forum. Even though these ethical issues are not being supervised or executed, they will determine the moral values carried out by the users.

**Privacy Concerns -**

As many people use the multiple services which are available on the Internet, it has become an important part of our daily routine. Unfortunately, there are some people on the internet who use us humans’ weaknesses such as our vulnerability to commit fraud, steal personal data, and infect computers with viruses and certain spyware. Robust cybersecurity systems, which have been less common in recent years, are using operating system foundation technology to ensure that the computing environment is completely impermeable to malicious applications and individuals. On my forum, we use protected systems, which on the other hand, may signify a supported computer system, such as Windows, that allows users to upgrade essential safeguards by installing the software services and updates. With these measures we can rest assured that our users’ personal data will be secured, and as well as it would be a safe environment to share, ask and answer questions on the forum.

**Intellectual Property Rights -**

Intellectual property rights would be hard to keep track of, as there are many people with a similar idea, on which it would collide with another user. This however would cause and intentional or unintentional plagiarism.

In order to avoid this, my forum would consider having a license key, which it declaring me the copyright ownership owner, and the users of the forum would be authorized permissions to use the information or materials in the forum according to the original agreement. Thus, as a result, hacking by users intending to avoid the registration and verification stages when visiting the forum will be prohibited.

**Effects On Society -**

Users will analyze programming on the forum, incorporating programming languages, as well as questioning and answering programming queries and supporting other programmers with their scripts. A programming forum performs this function by enabling users to access other programmers online, which assists in the development of potential future programmers. For example, a computing student programmer might be stuck on a coding error in their system, but with this forum, they will be able to learn and get guidance from other senior programmers. On some occasions, it may not always be helpful or beneficial.

If a programmer regardless of their ranking comes across as a non-experienced or young programmer and observes that, the young programmer would be asking something simple or easy to them on the forum, sometimes it could lead to them harassing them or questioning them of their knowledge and capability of understanding the work. Which in order would create insecurity in the young programmer, cause them not to participate asking questions in the forum, and sometimes cause them to rethink their interest in this field. This is however is not beneficial to the future of technology. To avoid this issue, if every user and programmer on the forum, has patients and compassion for each other, it would help boost their confidence and generate more future upcoming programmers with great protentional.