**Task 5 – Discuss the ethical issue related to the software**

The first ethical issue related to the book trading software is each time a user uses the software, the app's system records some information about the user's visit that may be referred to later; these records are similar to standard call logs. These logs include all information about what users do on the site. As records, logs may be retrieved or saved for future use.

Analysing log files implies transforming log data into application services or installing software capable of extracting pertinent information from files on-premises. Individuals' movements are tracked by businesses via tracking software and cookie analysis. Cookies pose a slew of privacy issues. The tracking history is saved on your computer's hard drive, and the computer remembers each time you visit a website. With a variety of application applications, the fight between computer users and site trackers is perpetual. For instance, applications such as Privacy Guardian, My Privacy, and others may safeguard a user's online privacy by deleting their browser's cache, browsing history, and cookies.

The next ethical issue regarding the software is online privacy, where the user or the buyer's identity is known to the majority of Electronic Payment Systems. In this case, the identity of the user purchasing the book within the book trading system app will be known to payment systems such as PayPal. As a result, it is essential to safeguard the buyer's identity when he or she utilises an Electronic Payment System. Tracking is a privacy concern for the company's workers. Numerous businesses have monitoring systems in place to monitor e-mail and other online activity in order to identify workers who often utilise business hours for non-business purposes. Organizations may monitor a buyer's e-commerce activity. These consumer surveillance operations raise ethical concerns about how e-commerce companies handle safe and anonymous information.

Thirdly, there are also ethical issues regarding Intellectual Property theft. Any users may use simple copy-and-paste to duplicate some other user's original post on the book trading app. Text, pictures, music, artwork, and ideas are regularly copied from their authors with no permission given or requested. The only remedy for the victim of this crime is to register a copyright and then spend the time and effort writing demand letters and threatening litigation. On the opposite end of the ethical spectrum, "copyright trolls" purchase the rights to films, books, and music, threaten mass lawsuits against thousands of individuals discovered downloading the content, and demand an immediate payment from each of them.

Last but not least, there are ethical issues regarding app spoofing. App spoofing is an Internet-related electronic fraud. It happens when an attacker creates a spoof app that is almost identical to the legitimate website in order to trick customers into providing their credit card number or other sensitive information. For instance, if an attacker created an app named INTl Book Trading System by swapping the letter 'I' and replacing with the letter ‘l’, which many people might wrongly download. Users may find themselves in a scenario where they are unaware, they are using a fraudulent app and provide their credit card or other personal information.