Security and privacy incidents of Apps that automatically capture expressions

Jiaming Deng 22302794

There are many security or privacy incidents that can occur when users use an auto-capture selfie app, and they can have serious implications for their privacy, property and even personal safety. It is therefore important to be aware of these incidents. Below are a few typical incidents that cause security issues or privacy breaches and the impact they have.

- 1. Data breaches: If there is a security breach in the data transmission or storage of an app, data such as photos and personal information of users can be illegally distributed. This can lead to serious consequences such as identity theft and financial fraud, which can reduce the trust of users and the reputation of the APP.
- 2. Account Security Incidents: Theft of a user's account could lead to their personal information and photos being leaked or used for illegal purposes. Not only that, but the thieves may also use the stolen accounts for malicious acts such as posting inappropriate content or conducting fraudulent activities, causing distress to other users.
- 3. Privacy breaches: If applications collect, use and share user data without adequate authorisation, this can lead to privacy breaches. This would compromise the user's privacy and could lead to harassment, fraud and other risks to the user from unscrupulous individuals.
- 4. Incidents of ad tracking: excessive advertising can make users' use of the app much less physical, as ads waste much of their time as well as continually being pushed with content relevant to the user themselves making them feel their lives are being monitored. This invasion of privacy can cause users to resent the app and ultimately lead to the loss of a large number of users. 5.
- 5. Children's privacy incidents: If apps do not adequately comply with children's online privacy protections, this may result in the privacy of child users being violated. This could not only harm the rights of child users, but could also lead to the app facing legal action and large fines.
- 6. Artificial intelligence and machine learning incidents: If artificial intelligence and machine learning techniques are used to process user data without adequate consideration of privacy protections, this could lead to privacy breaches.

In summary, the security and privacy incidents that can occur during the operation of an automated selfie app are very important. I will give due attention to these issues and take effective measures to prevent and respond to these incidents to ensure that users' privacy and security are safeguarded.