3. OBJECTIVE

The prime objective of the proposed work is to protect the privacy of Online Social Network’s user-stored data as well as user-generated data. The user-stored data means the data which is provided by the user at the time of creating user profile which may contain photo, First name, Last name, Mobile number, Home town, graduation details, Workplace and so on. Some of these fields are mandatory and remaining are optional and varies from one Online Social Network to the other. The User generated data contains the posts on user’s wall, images/videos uploaded, messages, news feeds, Status update, shared docs, like/unlike etc.

To protect the privacy and security of Online Social Network user, the proposed work will find out the reasons of privacy breaches which leads to the threats and attacks on the security of the Online Social Network user. The countermeasures against the same will be determined based on it.

To provide maximum security to the Online Social Network user a security framework will be designed which will provide mechanism to the user as well as the Online Social Networking sites and other entities related to it.

The proposed work will be used for the existing as well as upcoming Online Social Networks to provide maximum security against given threats and attacks. Similarly the security framework will be used while designing new Online Social Network as well as while re-engineering the existing one. Last but not the least, the security framework will also be helpful to the user because the actual threat is to the user.