

1. Leak of user data that caused by failure in an Algorithm.

Economic Crash which Caused by an algorithm in trading, A

Sudden autopilot Crash which will lead into unintended Tragedy.

Misinformation due to an error in a database input and algorithm. A social media algorithm that unintentionally

shows and let a hate speech and restricted age Content

2. Facilitating people in a global Interactions. Alleviating Human

work on solving a problem. The first impact could lead into

negative impact which is: Unintended global Interactions, and

The second impact will lead into: laziness in the modern society.

3. 1. Before a Software finished, there is a lot of algorithm that

could be made up to 1 years (not included with errors)

2. Development costs might be so high, some of it can

be caused by Database Price, and paying the effort of the workers.

3. The simple answer is bugs. there could be some

bugs that only ~~that~~ happen in certain pattern and condition.

And because there is a lot of customer, so the bug have a high chance to happen.

4. Making programs is not only "Making", but also "Developing" that will take years and "Maintaining" to give our customer the best experience.

5. Same as life, we need Trial and error to success.

And difficulty often appears in Trial and error, it exist because we want the best for our Software.

4. Before making a changes, we should make a backup or a restore point. So if we face a deterioration, we can use the backup or turn back to the restore point.
5. For now, I say it possible to use Waterfall approach on each Categories. But it might be not possible in some other approaches if we want the more specific and efficient