**Please read the following text as carefully as possible. Afterwards we will ask you various questions about your assessment of this fictional scenario. Later we will ask you to draw a Cognitive-Affective Map (more information later):**

For your subsequent task, imagine the following fictional scenario in the near future:

A team of interdisciplinary scientists recently created a small technological implant. This technological device can easily be implanted into the brain and can be controlled via an app on your mobile phone. Once the implant is in the brain, it does not require any maintenance because it gets its energy from its surroundings (using multiple energy sources like moving blood, temperature and vibrations). It can also repair itself in case of small damages. If the user does not want it any longer or in case of major damage, the implant will be decomposed and automatically metabolized. The implant can help to regulate the sleep-wake cycle of humans.

While everybody might profit from such an implant that enables the regulation of sleep and wake phases via an app, it could also be used for patients with sleep disorders. Sleep disorders occur frequently and are often associated with many severe physical and psychological impairments. Currently they are treated with medications, but sleeping drugs have serious side effects and can potentially lead to addiction.

Besides the medical field, the military is also interested in such an implant. For example, special forces could be on a mission for multiple days without sleep, which eminently increases the chance of accomplishment. However, some generals fear that the implant could alter the mentality of the soldiers leading for example to an excess of preparedness to kill.

In addition, this implant is of interest to economists, too. While it could lower the risks of accidents as a result of fatigue, some people fear an exclusion of applicants without such an implant, effectively creating a have and have-not class system. This bears the risk that people might feel coerced to get such an implant.

Finally, the implant affects our daily lives by regulating our sleep-wake cycle: adolescents could party three days in a row, undergraduates could optimize their learning curve and the elderly could have a guaranteed afternoon nap, people could work more efficiently and sleep at the touch of a button on days off.

The data privacy is unclear in all of these cases, and research on the risks is still in its beginnings. And how about hackers who assume control over the implant, putting people to sleep? Therefore, the list of possible outcomes could be heavy.

In the following we will ask you several question to find out how you think about this fictional technology. The questions consider if the benefits outweigh the costs for society and also ethical and societal implications.