HW: 8 principals

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**PUBLIC** - Software engineers shall act consistently with the public interest.

A potential conflict happened when the software engineer’s interest doesn’t align with the public’s interest. Which disconnects the public from the S. E’s work.

An advice would be to be on the public’s interest. The decisions made should be for the greater good of the public.

**PRODUCT** - Software engineers shall ensure that their products and related modifications meet the highest professional standards possible.

A potential conflict would be when a company decided that their code is good enough. Then ends up letting a hacker finding the loophole and potential disaster can happen.

An advice would be to be responsible for things we do and only deploy stuff when we know it’s perfect.

**PROFESSION** - Software engineers shall advance the integrity and reputation of the profession consistent with the public interest.

A potential conflict is when S. E’s give the IT a bad reputation. This will make the IT industry look bad and the public might not trust the S. E’s anymore.

An advice would be to act professional at all time.

**CLIENT** - Software engineers shall act in a manner that is in the best interests of their client and employer consistent with the public interest.

A potential conflict would when the S.E thinks it’s a clever idea to do what he/she thinks is right without considering the investors or clients.

An advice would be to always consider every party’s opinion. Be flexible and solve problems, not create them.

**COLLEAGUES** - Software engineers shall be fair to and supportive of their colleagues.

A potential conflict would be when a S.E thinks he/she is better than every other S.E.

An advice is to stay humble and work together as a team. Teamwork make the dream work. There’s lot to learn from each other.

**JUDGMENT** - Software engineers shall maintain integrity and independence in their professional judgment.

A potential conflict is when the S.E makes his decisions on personal interest and selfishness. This will cause chaos when the judgment doesn’t align with other’s interest.

An advice is tube responsible for your actions and think before you leap.

**SELF** - Software engineers shall participate in lifelong learning regarding the practice of their profession and shall promote an ethical approach to the practice of the profession.

A potential conflict is when a S.E thinks he’s all that. There’s always modern technology coming out. WE need to stay on top of the tools.

An advice is to keep up with the industry and learn every day.

**MANAGEMENT** - Software engineering managers and leaders shall subscribe to and promote an ethical approach to the management of software development and maintenance.

A potential conflict is when a manager is not doing an excellent job managing. Which can cause the project to fail

An advice is that when you’re at manager level, your team depends on your guidance. If you can’t be a good leader, learn to be one, or don’t be one.