| Probability | Harm severity | | | |
|---|---|---|---|---|
| | Negligible | Marginal | Critical | Catastrophic |
| Certain | Syntax errors prevent me from compiling my program | Either a bug caused by program logic, improper syntax or by the underlying API platform / IDE / OS that prevents the Application & development process from functioning as it should | Very high | Very high |
| Likely | Accidentally deploying the Application to the main branch with dev spring boot profile | High | Contract a bad case of COVID, or some other illness that prevents me from being able to code | Very high |
| Possible | Low | Underestimating how much time it takes to implement the features chosen and not managing my time appropriately | My computer breaks down and becomes out of commission | My accounts are hacked and compromised such that I am unable to continue working, or my data is intentionally deleted locally and remotely |
| Unlikely | Low | Losing my internet access from home, which is my primary location for work, and being unable to work | Mentors assigned to support me become unavailable due to sickness or other reason | My project data is all lost due to a SCM error or bad back up strategy |
| Rare | Low | GitHub's servers go down for some reason and I am unable to push my work to their remote repository | QA's servers go down for some reason and I am unable to communicate with mentors | Pandemic, Flooding or other disasters prevent me from working on my project |
| Eliminated | Eliminated | | | |