

Risk assessment:

- Accidentally deleting or editing a file. This could cause a massive amount of work and time to be lost. To prevent this from happening, you should make regular saves of your work, ie pushing to github, so you can restore previous saves. This risk is likely to occur.
- Inaccurate time estimations. This could lead to tasks at the end of the allotted time being incomplete and therefore the project unfinished. To try and prevent this from occurring, a precise plan should be made detailing how long certain tasks will take. This risk is likely to occur especially if the person is inexperienced.
- Incorrect deadline. This could lead to the person rushing work when they don't need to or thinking they have more time to complete the project than they do. In both cases this will lead to a lower quality of work. To prevent this from occurring a clear deadline should be set as well as regular communication with the client.
- Working on existing source code. This can cause confusion for the person completing the project as it can be hard to understand other people's code, especially if there is a lack of comments. This is likely to occur if the developer is inexperienced. To prevent a lot of time being lost, documents explaining previously written code should be made, ie ERD and UML diagram.
- Hardware issues / other external issues, ie power going out, wifi going down. This can cause time to be lost, as there is no way to continue the project without the correct hardware, power or wifi ect. There is no way to prevent this from occurring however it is also very unlikely to occur.