Risk Table.

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| **RISK NAME** | **LIKELY** | **SEVERITY** | **SCORE** | **MITIGATION** |
| Motivation. | 2 | 5 | 10 | *Ask parents to constantly needle me about working on this project.*  *Don’t do too much at once (avoid burning out).*  *Take frequent breaks to avoid getting totally stumped.* |
| Poor planning. | 2 | 4 | 8 | *Spend a good amount of time early on to plan everything out.*  *Extensively plan out each part of the project.*  *Do a “Feature-Proving” sprint.* |
| Unable to get data from websites. | 3 | 3 | 9 | *Ensure feasibility of this in the feature-proving sprint.*  *Look into TMDB.*  *Go off of YouTube videos (NEVER venture alone).* |
| Random errors in VS 2022. | 4 | 5 | 20 | *Don’t randomly click when an error pops up.*  *Utilize extensive unit tests.*  *Test code as we write it, not after.* |
| Database stops working. | 1 | 4 | 4 | *Create a backup database at the start of each sprint.* |
| Disorganized workflow. | 3 | 3 | 9 | *First day of each sprint should be spent cleaning up the workflow.*  *Write pretty code and avoid coding fast (not smart).* |
| Saving images in database. | 4 | 2 | 8 | *Ensure feasibility of this in the feature-proving sprint.*  *Go off of a YouTube video – don’t try to brute force it.* |
| Package installation issues. | 3 | 4 | 12 | *Look at the packages we installed in the last project.*  *Make sure all projects run correctly with each individual package install.* |
| .NET API setup. | 2 | 5 | 10 | *Use previous project as an example.* |
| .NET MAUI setup. | 2 | 5 | 10 | *Use previous project as an example.* |
| xUnit testing setup. | 2 | 2 | 4 | *Use previous project as an example.* |
| Connecting DB and API. | 4 | 4 | 16 | *Use previous project as an example.*  *Use Bilitski’s video as an example.*  *Go off of a YouTube video – don’t try to brute force it.* |
| Later-stage database changes. | 2 | 2 | 4 | *Spend a good bit of time extensively planning out the database early-on in the project.*  *Only make small changes and always test to make sure nothing breaks.* |