merge AI questions

- why do we need to merge the code?

- In the merged file generated class should have name of the file which they are from commented on them and if the same class is in the code than it should mention that in comment

- When merging the code if there are two same named classes but with different logic is it handled in mergeai? If it handled than it should change the name of those classes by giving the file\_name as suffix or something better.

**What happens if both files contain different versions of the same class or method?**

Right now, your logic compares string representations of top-level members (member.ToString()). This works but is very sensitive — even a small formatting difference or comment will treat the code as different.

Would you prefer a smarter comparison, like comparing names only (e.g. method or class names), and checking for signature/structure similarity?

**Do you want to support merging inside namespaces and classes (nested members)?**

Currently, it only merges top-level members from both files.

If two classes exist in both files with different methods inside, those class methods won’t be merged — they’ll be treated as a conflict or ignored.

Do you want to support merging inside those?

**Do you want to log what was merged and what was skipped?**

It may help during debugging or for users who want to review changes.

**Will you want to support language features beyond classes/methods (like usings, attributes, comments, XML docs)?**

These aren’t merged currently — is that intentional?

**Do you plan to support folder-based merging later? (i.e. merging multiple files at once or two full project folders)**

This would need a bigger architecture change, but is very useful for teams.