1. List three potential issues among others if use a traditional project management style such as Water-Fall, for instance, to manage a software project:

   1. Difficulty changing during process.

   2. Clients are not involved until the very end of the process.

   3. Testing or client testing does not happen until the end of the project when making changes can be difficult and may delay the release.

2. List three potential issues among others if use a Scrum method to manage a software project:

   1. Cannot always predict the outcome due to the nature of Agile, everyone working on something different but no clear idea what the end product will look like.

   2. Can be confusing for the team to understand in the beginning, or those who have never used this method before.

   3. Documentation can be difficult to correlate due to many portions of the project going on at the same time.

4. List potential problems about "Front End" programming and "Back End" programming:

   1. "Front End":

Scope creep(customers may want more than was previously planned),

Client demands and expectations(sometimes people want something that may cause issues with the website or are difficult to please due to what they imagined isn’t exactly what is possible),

Third Party tools(if used heavily could cause issues when there are updates or no longer work as previously),

Cross platform (must be able to use product in more than one website)

   2. "Back End":

Servers(many issues that can go wrong)

Security(always an issue no matter which side you are on)

Scalability(trying to increase or decrease size per customer requirements)

Performance(making sure the program works like it should and isn’t going to bog down)

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