

1. I will use agile development and Iterative Development. In this case we need a system that delivery results quickly and easy-to-use so it can allow more users to use. With this combination, the system can be developed and deployed in small, manageable increments. Features can also be tested in iterations to ensure early detection of issues, minimize the risk of things not functioning.
2. I will start with throwaway prototyping for early development and change to agile later. Although the requirement seems clear at first, the specifics of design, usability, and functionality often need a lot of changes and adjustments. Since the throwaway prototyping are disposable and allow changes based on feedback, it is great for early development. Once the requirements are well-defined and the core design is stable, I will change to agile. Agile supports iterative development, delivering features in small increments and allowing continuous feedback and quick adaptations. This flexibility ensures the system can respond to changing business environments or executive preference.
3. Depends on what the company need, I will use agile or RAD. The choice depends on the company's needs. If the requirements are complex or the company is likely to evolve, agile is better. It supports flexibility, scalability, and adding features incrementally as the company grows. However, if the company needs a working system quickly and cost-effectively, RAD is the better option. It uses pre-built components and templates to speed up development.