

## Software Process Models - Group 2: JKLM Resales

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Agile		Waterfall	
Pro	Con	Pro	Con
Allows for changes to the project at all stages.	Could be a more complicated process for new developers.	Phases/Progression is more clear up front.	Less experienced devs (Such as us) have a tougher time with proper planning.
Less time spent in the planning phase is a benefit when we are not totally clear on the scope of the project.			Our team may be too small for this method.
Self-organizing teams allows each member to work on what they are most comfortable with.			Backtracking is more difficult, as is adding new features to the plan in progress. Which are things we are likely to encounter.
Close cooperation with the customer will deepen our understanding of the requirements.			Without knowing the full scope of the project up front this method would not be useful.
Quick turnaround time for feature			Takes a longer time compared to agile

## **Discussion**

The discussion started with Mark (Development Coordinator) suggesting that Agile could work better for small groups such as ours. He also said that agile could be a more suitable method for a team that is lacking in experience, as the early planning required by the waterfall method could be difficult.

Lucas (Requirements Coordinator) continued the discussion stating that Waterfall appears to be a simpler process to follow, however the unknown factor of assignments and other requirements that are not yet clear could mean that agile is again a more suitable option for our team. This is especially true when considering the fact that we will be receiving new requirements as we go along, which would not work for the waterfall method.

Mark agreed and reiterated that since we do not have the knowledge and experience necessary to plan things out in advance, that our team would not be capable of implementing the waterfall method in the way that it was intended.

Lucas agreed and made a positive comment regarding the way Agile treats documentation (not prioritizing it over working code), and the way Agile deals with the customer in a closer and participative way.

Kyle finished the discussion agreeing that the Agile method would be a better fit since it works with small increments instead of big deliveries like Waterfall.

### **Final Decision**

Our team has decided that the Agile methodology would be the most appropriate for our team, and the requirements of this project.