**Method: Waterfall**

Pros

* Ensures each process is done correctly
* Ideal for very important projects
* Ask the team members to look out for possible problems that can occur in future and find solutions to them before the development starts.

Cons

* Time consuming
* Not ideal for a project with features and requirements not strictly specified earlier.
* Every step must be done in order
* Not suitable for projects which need regular checking and updating.
* Requires lots of planning in advance
* More suitable for a larger development team than a group of 4

**Method: Agile**

Pros

* Interactions and collaboration are more important for smaller, more inexperienced teams such as ours
* Easy to go back and update, remove or add things.
* Can be delivered incrementally
* There will definitely be more similar products out there, so competition is ever changing
* Can perform different steps of the project at the same time.
* The Agile method provides chances for each member to use different programming skills during the interactions.
* Can deliver fast.

Cons

* Less straightforward plan as there are less preparations
* Less planning in advance may result in a subpar product
* Certain steps(principles) may receive less attention than others, resulting in a good product in some places but a bad one in others