Compare and contrast the Agile approach to Plan driven approaches (e.g. Waterfall). The comparisons should be based on the effectiveness of each approach for managing changes in a project, customer availability, feature organization, and development and funding.

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| Factor | Waterfall | Agile |
| Managing changes in a project | Works well when scope is known in advance. | Welcomes change, but, changes come at the expense of costs, schedule and other features. Works well when scope is not known. |
| Customer availability | Requires customers involvement only at milestones. | Prefers customers to be available throughout the project. |
| Feature organization | “Do everything we agreed on” approach ensures the customer gets everything they asked for; “all or nothing” approach increases risks of failure. | Prioritization by value ensures the most valuable features are implemented first, thus reducing risk of having an unusable product once funding runs out. Decreases risks of complete failure by allowing “partial” success. |
| Development and funding | May reduce risk in the face of certain constraints in a contract between a vendor and external customer such as the government. | Works extremely well with Time and Materials or other non-fixed funding, may increase stress in fixed price scenario. |