# Sample guideline for Agile Project Assignment

1. **Reflective Report**

1. Introduction about Agile

1. How Agile development is different from traditional waterfall method
   1. This should include the examples of project that has been executed in waterfall and agile methods
   2. Put the point wise compare / contrast between waterfall and agile with your real experiences
   3. It should also cover about the team psychology and communication during the project execution with concrete examples
   4. For above, examples can be taken from Agile Project Execution guidelines
   5. Add the link of Google Docs in report

1. Agile Process
   1. Describe the Agile Scrum methodology in brief
   2. And for supporting that add the Agile Project Execution guidelines document
   3. Put the Agile event wise snapshot from the same google docs
   4. Add the link of Google Docs in report for complete process that was followed

1. **Technical Report**

1. GIT
   1. GIT Introduction
   2. Git project structure
   3. Common git commands
   4. How GIT solves the problem in code integration

1. Test Driven Development
   1. Intro about TDD and why it's important in Agile development
   2. Detail out how the TDD was implemented for the functionalities that was developed
   3. Show the working TDD code with reference to functionalities
   4. Illustrate the tools that was used for TDD implementation

1. Behavior Driven Development
   1. Intro about BDD and why this approach is important in Agile Development
   2. Cite what problem does the BDD solve
   3. Define the BDD with example scenarios for your undertaken project
   4. Illustrate the tools that was used for BDD
   5. Add the reference of code snippets and reports for the scenarios that was covered as part Story / Feature delivery

1. **Short Demo**

1. Include the overview about the product (i.e. what business problem it is trying to solve)
2. Present about the different functionalities of product that was developed
3. **Note** : Restrict the video to 5 mins