# Agile Group Project

**Answer the following questions.**

What was the App that your group created?

**Answer:**

Quiz android app

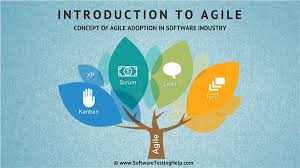
### Agile / Scrum

1. What did you learn about how the Agile and Scrum methodologies operate?

**Answer:**

**Agile methodology:**

Agile is a process by which a team can manage a project by breaking it up into several stages and involving constant collaboration with stakeholders and continuous improvement and iteration at every stage. The Agile methodology begins with clients describing how the end product will be used and what problem it will solve. This clarifies the customer's expectations to the project team. Once the work begins, teams’ cycle through a process of planning, executing, and evaluating which might just change the final deliverable to fit the customer's needs better. Continuous collaboration is key, both among team members and with project stakeholders, to make fully-informed decisions.



**Scrum methodology:**

The **Scrum** model suggests that projects progress via a series of sprints. **Scrum methodology** advocates for a planning meeting at the start of the sprint, where team members figure out how many items they can commit to, and then create a sprint backlog – a list of the tasks to perform during the sprint.



1. In practice how effective did you find this methodology?

**Answer:**

Both methodologies have their own value depending on the user's requirement, if the user is not sure about exactly what he needs, then the agile methodology must be used, but if all the criteria are crystal clear, then the scrum methodology would give me a plus.



1. What did you find was the strength of it?

**Answer:**

I have found that the agile approach is more responsive, straightforward, efficient, and that stakeholders are happier and more flexible with this methodology, since all is in their expertise and according to their needs and demands.

1. What were its weaknesses?

**Answer:**

The drawbacks I found during this group project are that there is no finite end to the requirements for agile methodology requirements that are constantly heading towards the developer. Documentation is minimal as it lacks advanced preparation and the production in this approach is mostly fragmented.

1. What were the best features of the process?

**Answer:**

The features of agile methodology that are best according to me are stated as follows:

1. Productivity of the agile method.
2. Flexibility because of the agility.
3. Project transparency due to agility.
4. How did they appeal to you?

**Answer:**

These features appeal to me as they make my client more comfortable with the job, as these features help to involve the client in the entire development process of the app. It helps to achieve the satisfaction of the client.

1. What was the worst feature of the process?

**Answer:**

The worst feature I've found in this process is the ever-creeping client-side requirements. As new requirements and changes are always there, the time of development is infinite.

1. How would you change them?

**Answer:**

I think we can have a brain storm session with the client before the start of any app functionality that will help to reduce the creepy requirements.

### Group work

1. What did you enjoy about this style of programming?

**Answer:**

I appreciated the cooperation of the client with the project due to this agile methodology, as all the features and progress of the project are clear to both the client and the developer, helping to increase understanding between the parties.

1. What are the downsides for you of group work?

**Answer:**

I found that while working in a group with agile methodology, the group's planning for the development of the methodology is always disruptive.

1. How did this session change your opinion of working in industry?

**Answer:**

This session changed my opinion as I come to know that working in a practical environment has a number of technical and complex issues that need to be addressed appropriately as the client is involved in working in the industry is not as simple as doing a college project.

### Source Control

1. What form of Source Control did you use?

**Answer:**

We used GitHub.



1. What were its strengths?

**Answer:**

The strengths for using GitHub are stated as follows:

• Make it easy to contribute to an open-source project.

• Work can be shown on the GitHub cased.

• Changes can be easily monitored.

• We have integration options with other GitHub platforms.

1. What were its weaknesses?

**Answer:**

The weaknesses are as follows

• GitHub security and pricing are the weaknesses of this source control platform.

1. How effective as a source control did you find it?

**Answer:**

GitHub helps managing the App versions effectively.

1. If you had to use it again what would you change?

**Answer:**

I will enhance the security features of the Git.

### Other

1. Do you feel that this has been a worthwhile experiment?

**Answer:**

Yes.

1. Why? Why not?

**Answer:**

I found it a worthwhile experiment as it let is gain practical experience of the agile software development life cycle.

1. **If you had to give yourself a percent grade for your contribution to the project, and the process, what would it be?** Bearing in mind that you might have produced little, yet done the hard yards. Or you made heaps, but it was really easy.

**Answer:**

I would give me an **A** because of my hard work I did during the implementation phase.