**The Planning Game:**

1. What was the advantage of this technique based on your experience in this assignment?

Planning session carried out at the beginning of each iteration helps the team to understand what is needed for the system and less guesswork in planning phase. This will reduce the time wasted on building useless features as customer will provide us with clear description and requirements through the planning session.

1. What was the disadvantage of this technique based on your experience in this assignment?

The disadvantage of using this technique is that time is spent on the planning session for each iteration to gather clear requirements from the customers.

1. How efficient was the technique given the time it took to use?

Thought it did reduce the time of guesswork in planning phase, but it still take times to do the planning session with the customers. Thus, the efficiency is not that obvious.

1. In which situations would you use this technique in a future project?

When the customer’s requirements are not clear and need to be clarify.

1. In which situations would you not use this technique in a future project?

When the project are small, required in a short period of time and requirements are clear.

1. How did you work together as a group in the project? What worked and not in your interaction(s)?

The team and clients would sit together in a room and discuss on the project objectives and requirements. What worked was that we were able to identify and clarify the requirements that is needed in the system expected from our customers. What did not worked were how the clients explain their ideas. But eventually we come to an understanding.

**Simple Design:**

1. What was the advantage of this technique based on your experience in this assignment?

From this technique, we were able to save time and cost to develop what is required from the clients. Because, the objectives of this technique is to build simple work with only what is needed for the project and not much documentation.

1. What was the disadvantage of this technique based on your experience in this assignment?

The practice is hard to follow as simple are hard to be defined well developing the project.

1. How efficient was the technique given the time it took to use?

Since the objectives of the developers were only to build what was necessary and required from the clients. It was very efficient.

1. In which situations would you use this technique in a future project?  
   Whenever the project is big and needs to establish priorities before refining the whole.
2. In which situations would you not use this technique in a future project?

Project is small and required less amount of work. Hence, completing the project would be less hectic and fast.

1. How did you work together as a group in the project? What worked and not in your interaction(s)?

The team would just create simple UI design of the system and put main features in it before refinement. It worked out very well with the team, we were able to complete each features without any problems.

**Test First:**

1. What was the advantage of this technique based on your experience in this assignment?

The advantage of this technique is that we could identify the errors and bugs upfront. This enables the developers to fix the problems before letting the project run live.

1. What was the disadvantage of this technique based on your experience in this assignment?

The disadvantage of this technique is that it takes time to do checking of different modules and the results is not final as the modules may affect one another and creates different problems while merging.

1. How efficient was the technique given the time it took to use?

The technique is quite efficient though we need to run test time to time but its better then run test after merging all the modules and need to track where the errors are coming from.

1. In which situations would you use this technique in a future project?

Every time during developing the modules to merging all the others.

1. In which situations would you not use this technique in a future project?

I think this technique is the most widely used technique and no one would not use this while developing their projects. Hence, there’s no situation where I would not use this technique.

1. How did you work together as a group in the project? What worked and not in your interaction(s)?

While developing individual modules, each developers would do testing themselves. But during merging all the modules, we would group together and run tests for each modules. In overall, it worked out very good for us in terms of interactions between the team.

**Refactoring:**

1. What was the advantage of this technique based on your experience in this assignment?

The advantage of this technique is to help improve the design and quality of the existing code without changing its functionality. Such as, remove bad cohesion, coupling and duplicated code. Furthermore, makes the code more readable for system maintaining purposes.

1. What was the disadvantage of this technique based on your experience in this assignment?

Its time consuming to find all the flaws behind all the codes and changing the codes may affect its functionality which need some coding for adjustments.

1. How efficient was the technique given the time it took to use?

Not very efficient as it took up much of our time.

1. In which situations would you use this technique in a future project?

When times are there to be offered to the developers and the project are sophisticated.

1. In which situations would you not use this technique in a future project?

I would try to avoid to use this technique as much as possible as it take up a lot of time by doing planning before coding.

1. How did you work together as a group in the project? What worked and not in your interaction(s)?

Not very much of a group work because each modules are done by different people and only they know their own codes. Thus refinement are down by each individuals.

**On-Site Customer:**

1. What was the advantage of this technique based on your experience in this assignment?

The advantage behind this technique is that it allows developers to avoid assumptions of what is needed for the system and allow direct communication with the clients. Which will reduce misunderstanding between developers and clients.

1. What was the disadvantage of this technique based on your experience in this assignment?

There are no disadvantage for having customer on site to help clarify the requirements and needs for the system. Instead it helps developers to work more efficiently and productively.

1. How efficient was the technique given the time it took to use?

Very efficient. Because developers are able to direct communicate with the clients to find out the requirements and expectation for the system from them.

1. In which situations would you use this technique in a future project?

If the clients are available to provide on-site customer, I would use this technique most of the time. Because it will help the developers to be more productive and less confusing.

1. In which situations would you not use this technique in a future project?

When clients are unable to provide personnel to assist with the development of the project.

1. How did you work together as a group in the project? What worked and not in your interaction(s)?

Worked out very good with the group because we are able to get direct feedback from the customers and clarify all the doubts of developers.