Software Development Unit 33, 3.3

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# I can work with a team using a range of tools and techniques

To answer this unit, I will be going back to the website project that the other learners and I have created. Please refer to my write up Unit 33, 2.1-2.5 as this already has a lot of information that also answers the requirements to this unit.

## What tools and techniques did you use?

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| **Trello / Kanban board** | As a team, I’ve created the Trello/Kanban board and everyone has utilised this tool to enable us to keep track of all the tasks we needed to complete. |
| **SCRUM method** | We attempted to try a SCRUM tool to create the website. Saying that it is our first attempt, therefore it didn’t encompass the SCRUM tool fully, but we have had daily virtual ‘stand ups’ to discuss the status of our work. |
| **Google sheets / Gantt chart** | I’ve setup a shared Google sheet that everyone can access and amend. Following this, the group have discussed the timeline of our project and Keith created a Gantt chart.  I’ve also created a separate shared Google sheet for our manual testing which was then open for use by all members of the team. |
| **Sprints** | We’ve broken down the tasks and chose what to add to the first sprint. Since we were only given 1 sprint to complete the task, we tried to complete everything in one go. Saying that, there was still some work that needed to be done after the 1st sprint, which is why if we were given more time, we would’ve addressed those issues on the 2nd sprint, and so on, and so forth. |
| **Agile method** | The team tried to adopt the Agile way of working with the intention of delivering a basic working website whilst trying to use the 12 principles of Agile. Our team demonstrated some, but not all of the Agile principles below.  The 12 Agile principles |

## Who did what?

As mentioned in my write up from Unit 33, 2.1-2.5, here is how we’ve allocated the tasks within the group

|  |  |  |
| --- | --- | --- |
| **Task** | **Owner** | **Deadline** |
| Create Trello board | Anna | Day 1 |
| Create and finalise Gantt chart | Keith | Day 3 |
| Create individual webpage | Everyone | Day 3 |
| Create main website template HTML and add everyone’s individual webpage | Anna | Day 3 |
| Create and finalise CSS style for website | Dan | Day 4 |
| Create testing spreadsheet | Anna | Day 4 |
| Test website | Everyone | Day 5 |
| Update Trello board until end of project | Everyone | Day 5 |