Software Development Unit3, 2.7

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# I can connect and configure the combination of IT tools and devices needed for a collaborative task.

## Hardware

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| **External Hardware** | **Connection** | **Connected to** |
| Creative webcam with built-in microphone | USB via a 4-port data hub | laptop |
| Creative Bluetooth Pebble speakers | Bluetooth | laptop |
| MSI Optix G27 Series monitor (27 inch, 2560 x 1440 pixels native) | HDMI | laptop |
| MSI Laptop (Intel i7, 16GB RAM, 125GB SSD, 1TB HD, 5TB External HD) | N/A | N/A |
| 150 Mbps minimum broadband speed (router by broadband provider) | Wireless | Wireless |
| KLIM Wireless keyboard | 2.4 Ghz wireless USB via a 4-port data hub | laptop |
| Steelseries Rival 3 Wireless mouse | 2.4 Ghz wireless USB via a 4-port data hub | laptop |
| Smart phone | Wireless/Mobile data | N/A |

## Software

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| --- | --- |
| **Software** | **Collaborative Setup** |
| Google services | When setting up Google drive, I get to choose which folders needs to be backed up. When files compatible to Google Docs, Sheets and Slides are backed up, these can be shared with other Google users. I can control their access to either view-only or allow editing. |
| WhatsApp | I can create a dedicated group for the collaboration project on my phone. Once I’ve obtained all the contact numbers of my team, I can create a group chat and individually add my team members into the group. As an admin user, I can control who can join as well. Once my team is in, they are able to send instant messages and all messages are visible to the whole group. I can also install WhatsApp for Desktop so I get notifications on my computer and I can also reply faster since I’m using a keyboard. |
| DeviantArt | Once I’ve created a DeviantArt account, I can start following other artists that I like. I can also add other artists as friends. I will automatically get notifications for any new art work published by artists I follow. Anyone who has a DeviantArt account can comment on any artwork. |
| Github | Once I’ve created my Github account, I can sync it with a specific folder in my local drive. Whenever any changes are made in the files within the synced folder, this will be visible in Github Desktop. I can then update and upload all change to Github online. |
| Zoom | I can register as a Zoom user and download the software. Once I’m registered, I can create meeting and invite other people to join my zoom meeting. I can schedule meetings in advance and have this sync with people’s calendars. |
| Google Calendar | Once a registered Google user, I have immediate access to Google calendar which allows me to add my schedule to a digital calendar. This calendar can be shared with other people so they can check what my schedule looks like before booking a meeting. It also allows me to setup any meetings on Zoom via the calendar. |