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| **Evidence template:**  AS91907- Use complex processes to develop a digital technologies outcome |

**Link to standard** [**here**](https://www.nzqa.govt.nz/nqfdocs/ncea-resource/achievements/2019/as91907.pdf)

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| **1. Getting started** |

**What am I making? What is its purpose? Who are my target users?**

**What are the requirements of my outcome?**

* Must have/be ...

**What project management and version control tools will I be using?**

(link to them here once they are set up, or insert screenshot)

**Decomposed list of the components of my project:**

(This might be a photo of a mind-map, a typed list, etc)

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| **2. For each component:**  These steps will be repeated for each component of my outcome. Copy and paste the table below as many times as I need (3 to 6 times would be suitable). |

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| **Component:** | | | |
| **What alternative techniques or components did I trial? Which did I choose and why?** | (text or screenshots could go here) | | |
| **My testing and trialling** | What testing and trialling did I do? | What did I find out? | What did I do as a result of this? |
| A *before* screenshot: | | An *after* screenshot: | |
| **What implications are relevant to this component, and why?** |  | | |
| **How did I address these implications?** |  | | |
| **My project management and version control tools at this point in the project:** | (screenshots) | | |

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| **3. Finishing up** |

**Final testing:**

What **user testing** did I do on my completed outcome? (Insert results and mention any changes I made as a result)

What **code validation** (if relevant) did I do on my completed outcome? (Insert results)

What **functional testing** did I do on my completed outcome? (Insert a testing table or link to a video)

**Link to my final outcome (or screenshots):**

**Relevant implications:** If I haven’t already explained these as I worked on each component, explain them here, and state how they are addressed in my outcome.

**How did planning assist in the development of a high-quality outcome?**

**How did testing and trialling assist in the development of a high-quality outcome?**

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| **4. Final checklist: Make sure my evidence includes all of the following** |

Achieved: Use *advanced processes* to develop a digital technologies outcome.

* using appropriate project management tools and techniques to plan the development of a digital technologies outcome
* decomposing the outcome into smaller components
* trialling the components of the digital technologies outcome
* testing that the digital technologies outcome functions as intended
* explaining relevant implications

all of:

* saving back-up copies with a logical file naming system
* using collaboration tools
* using simple version control software applications
* using tools or systems to plan tasks and milestones
* adjusting key actions and tasks where appropriate

Merit: Use advanced processes to develop an *informed* digital technologies outcome.

* effectively using project management and version control tools and techniques to manage the development of a digital technologies outcome
* trialling multiple components and/or techniques and selecting those which are most suitable
* using information appropriately from testing and trialling to improve the functionality of the digital technologies outcome
* addressing relevant implications

Excellence: Use advanced processes to develop a *refined* digital technologies outcome.

* discussing how the information from planning, testing and trialling of components assisted in the development of a high-quality outcome