component failure/destruction

Q2)

i) I am going to put 0 ohm resistors in between each component so that we can use the available connections points to bypass any broken components.

ii) I will ensure to use the correct size to the appropriate current rating for each track to protect against track damage.

I will also make the ground track thick.

iii) I will provide other options to replace components or go and buy the components from other shops and solder them on. I will also ensure to use components with large quantities of stock decreasing the chance of the component running out.

iv) I will make the circuit as modular as possible allowing for changes to the circuit as well as providing lots of available connection points to make modifications post PCB development.

Q3)