General spa controllers are widely used in people's daily lives. Originally, they were mostly used in swimming pools and hydrotherapy massage shops. They are now also widely used in families. Any mode of spa needs to be controlled by a spa controller, which is why we want to conduct research on a universal spa controller.

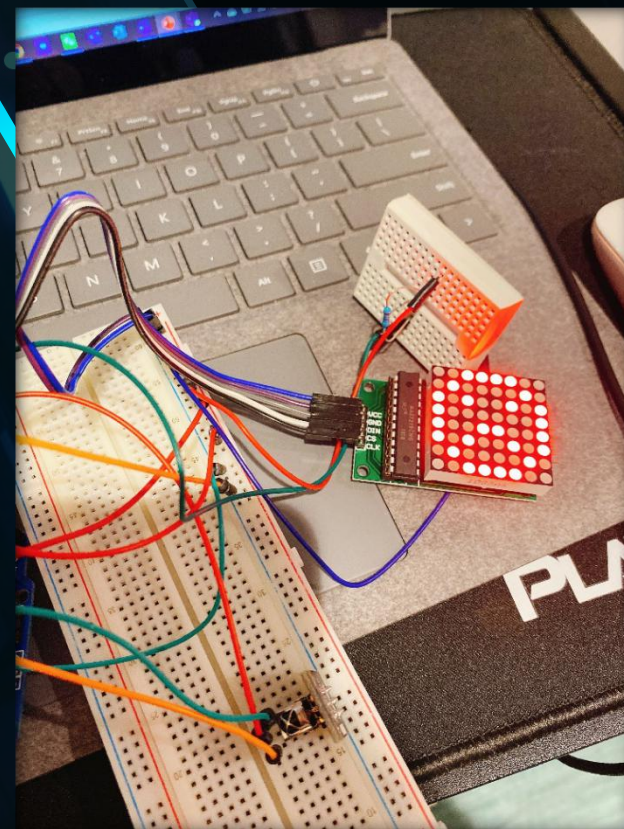**Name** Jingying Wei(Jodie Wei)

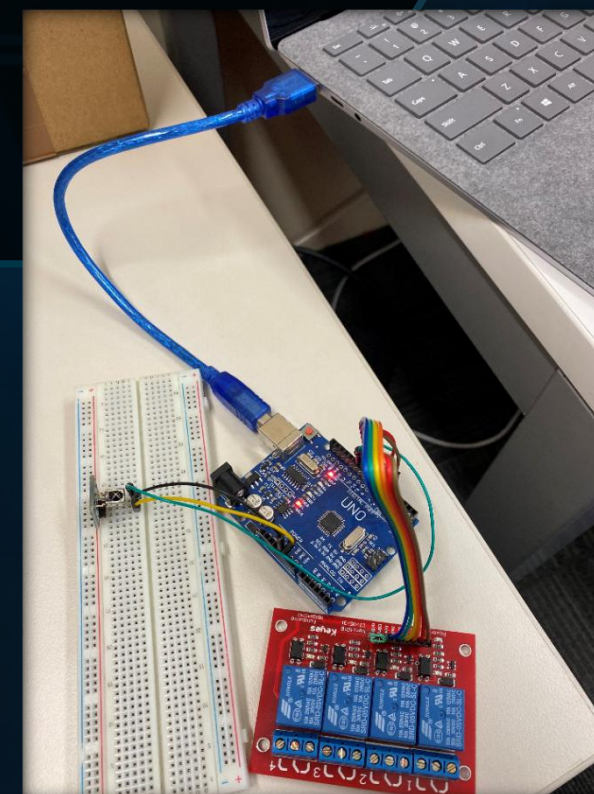**Supervisor** Matt King

Universal Spa Controller

Why do we want to make a universal spa controller?

Because the price of general spa controllers on the market is higher than 200 New Zealand dollars, and we only need to use Arduino software and circuit component boxes to achieve the role of the controller

This is the circuit component boxes.

This is part of the circuit connection.

The remote-control controls all the circuits and switches.