Tools and Technology

Software:

* Java SDK 11 on Eclipse 4.11 IDE
* Free GitHub repository for collaboration and version control
* Adobe XD (Free licence) to create the UI for the prototype
* Microsoft 365 subscription licence (Free when using student email) including:
  + Microsoft Word for Documentation
  + Microsoft PowerPoint for Presentation
  + Microsoft Access for database creation and handling

Hardware:

* RaspberryPi3 board with a touchscreen attached by GPIO ports
  + Held inside an enclosure to protect the unit from external damage
  + Installed with a lightweight OS like Raspbian Stretch Lite or RISC OS to operate