SUMMER RESEARCH 2021/22
PROJECT ABSTRACT

PROJECT # 35

SUPERVISOR/S: Alvin Yeo and Claire Timpany
PROJECT TITLE: SLNZ Emergency Manual App
FIELD: Design (Information Design and App Development)
DIVISION/SCHOOL: HECS - School of Computing and Mathematical Sciences
PROJECT LOCATION: Hamilton

PROJECT ABSTRACT:
This project will continue work begun as a WIL project for Surf Lifesaving New Zealand (SLNZ) developing an app and physical resource manual that surf lifeguards will be able to use as a quick reference on how to manage medical emergencies, for example a cardiac arrest or a person choking.

The manuals to be created will serve as a reference for lifeguards to follow and refer to, in emergency situations so that they can access necessary information on processes and procedures, effectively, efficiently and in an easy-to-follow format during time critical situations. The content that is produced will need to consider how best to present typographic information and interactions points.

The development of the physical and digital "Emergency Manual" will require both programming and design expertise.

A copy of a "theatre crisis manual" for Waikato Hospital has been supplied as a reference and the content for the SLNZ manual will also be supplied to the student researcher undertaking the project.

STUDENT SKILLS:
- Competence with the use of InDesign software and production multi page layout
- Appropriate programming skills for app development
- Appreciation for Info graphics
- Good communication skills
- Good time management skills

PROJECT TASKS:
- Produce annotated bibliography of related work
- Develop and refine printed material
- Develop and refine app
- Write a report of the results

EXPECTED OUTCOMES:
- Student’s Research Poster (as per clause 6 of the Scholarship regulations)
- Printed Emergency Manual for SLNZ
- App of the Emergency Manual for SLNZ
- Report of outcomes