Low and Negligible Risk Research – Project Description

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| Project Details |  |
| 1. Title | Investigate the domain of online learning (more specifically, coding/programming) and analyse the effectiveness of online learning when compared to someone who studied in person in a school or university. |
| 1. Lead/Chief Investigator | James McAuley |
| 1. Other Investigators | Adrian Sze Yuen Low, Ferdi Sungkar, Ida Green Heglund  - All researchers are students of School of Information Technology and Electrical Engineering |
| 1. Project Description version/date | 0.01 |
| Research Scope, Aims, Themes or Questions |  |
| 1. Research theme or question   The aim of this study is to analyse the domain and problem space chosen by the Lost at Sea group members. In this proposal, we will focus on the domain of online learning (more specifically, coding/programming) and would like to find out how effective online learning is compared to someone who studied in person in a school or university. Our target audience for this proposal is geared toward High School Graduates and University Students. During the 2020-2021 global COVID-19 lockdown, many students’ first encounters with coding/programming are done online. | |
| 1. Background and specific aims | |
| 1. Significance | |
| Research Methods |  |
| 1. Research participants or data |  |
| 1. Methodology and timeline |  |
| 1. Sampling strategy |  |
| 1. Measures and procedures |  |
| 1. Data analysis |  |
| 1. Other information related to research methods (where relevant) |  |
| 1. Research merit |  |
| Other ethical issues |  |
| 1. Research Outputs |  |
| 1. Additional information |  |