

IM3080 Design and Innovation Project (AY20xx/xx Semester x)
Individual Report

Name: _____ Min Htet Paing _____

Group No: _____ 4 _____

Project Title: _____ JamStream – Mobile Application _____

Contributions to the Project (1 page)

Contributed by designing and implementing wireframes in Figma and React Native. In React Native, the wireframes are then coded using Javascript language to obtain the desired screen with display images, input boxes, buttons, and switches.

Specifically, I was tasked to make “Create room” screen. After facing some challenges, with the help of some of my group mates, we managed to solve the issue. Javascript is used to not only design the layout but also function of a button and the navigation to and from each screen.

Additionally, I helped with ideation for the video, filming and acting ideas. Participated in creation of video by acting and giving suggestions to editing of video.

Participated in group discussion of application ideas and shared knowledge. Assisted with presentation of slides and explanation.

Reflection on Learning Outcome Attainment

Reflect on your experience during your project and the achievements you have relating to at least two of the points below:

- (a) Engineering knowledge
- (b) Problem Analysis
- (c) Investigation
- (d) Design/development of Solutions
- (e) Modern Tool Usage
- (f) The Engineer and Society
- (g) Environment and Sustainability
- (h) Ethics
- (i) Individual and Team Work
- (j) Communication
- (k) Project Management and Finance
- (l) Lifelong Learning

Point 1: ____ Problem Analysis _____

One of the problems that arose was the Javascript code is not exactly what is intended by the programmer. Hence, we had to look through the code several times to spot which specific part of the code is amiss. Additionally, after looking through the code and the results, we realized that we had to change the way the code is written.

We also practised using a Constant library for text sizes and colour codes so that it is easy to standardize among different screens.

Hence, I learnt that analysing problem is a crucial skill individually as well as when working in a team. _____

Point 2: ____ Communication _____

Communication among the group members is extremely important in order to tackle certain challenges together. If a problem is not yet resolved, clear communication is needed to come together to think of a good solution instead of being stuck. Communication is also important to divide the tasks so the work is done efficiently.

Hence, I learnt that communication is essential be it in a school setting or a work place setting. _____
