

|  |  |
| --- | --- |
| INTRODUCTION TO IT  ASSESSMENT 3 OUR IT PROJECT  *Energetic Imperials* | STUDENTS   * Caroline Burt – S3861634 * Robert Roper – S3857893 * Geoffrey Lloyd – S3865267 * Thomas Rix – S3407958 * Rhean Doyle – S3575010 * Chloe Buzza – S3644620   CONTENTS  Team Profile Page   * Team Name * Personal Information * Group Processes * Career Plan   Tools Page  Project Description Page   * Overview * Aims * Plans and Progress * Roles * Scope and Limits * Tools and Technologies * Testing * Timeframe * Risks * Group Communications   Skills and Jobs Page  Feedback Page  Group Reflection Page |

# TEAM PROFILE

**Team Name:** Energetic Imperials – Idealistic, Passionate and Energetic

## Personal Information

### Caroline Burt

My name is Caroline, I was born in Adelaide, South Australia in March 1970. I have 3 older brothers who still reside in Adelaide along with my elderly parents. I know live in the Blue Mountains region of NSW after moving around to various towns in NSW due to husband’s work. I have a lovely husband and 2 gorgeous children (who are no longer children – 20-year-old son and 17-year-old daughter – but they still need their Mum from time to time). My hobbies include walking my 2 fur babies (2 miniature dachshunds – black and tan), going 4wd with the family and friends and when the weather is a bit warmer we go out water-skiing at the gorgeous Lake Lyell which is not too far away from where we live. My student number is 3861634. My IT interest has come about from moving to my current role which I commenced in September 2019 as Technical Services Coordinator and the reason for studying this course to get more knowledge of the terms that all my IT colleagues use during our meetings. My IT experience is mainly on the use of software which I use continuously every day in my work environment and social life. Our team name is Energetic Imperials – meaning we are all Idealistic, Passionate and Energetic.

### Robert Roper

My name is Rob, I was born in Ballarat, Victoria on the 12th of March 1990. I grew up there and attended Ballarat and Clarendon College where I completed year 12 in 2007. From then till now I have worked in a diverse range of jobs, from machine operating, working in bars and clubs and as a prison officer. I then moved to Melbourne in 2019 to live with my partner Siobhan. We now live in Brunswick West with our little border terrier puppy, Scout.

I am currently working as an Operations Manager for an equipment hire company and have recently started studying Information Technology online at RMIT.

### Geoffrey Lloyd

My name is Geoffrey Lloyd my student number is s3865267 and I am a part of the energetic imperials and our moto best describe the team idealistic, passionate, and energetic. I currently work as a PM shift team leader for third party logistic company I have been around computers and electronics most of my life. I love to tinker with things and love to work out how things work. My hobbies are mostly of the creative background. I love to play games mostly hearthstone, I enjoy roleplaying games mostly enjoy playing dungeon and dragons and I enjoy working on my stories and when I can I work on it either in my head or on a notepad. My IT experience is not overly huge beside the fact of living around computers I started a course in game design and have worked with adobe photoshop, Excel, Microsoft word and EPIC. My IT interest mainly revolve around creating and numbers lately people ask me what I would do when once I get my IT degree I always answer the same and that is I don’t have ambition to work for google or any big company like that my goal is to work for a company or build programs or IT programs that make an impact and help people as much as possible.

**Thomas Rix**

My name is Thomas, I was born in Sydney in 1990. My father’s work in the mining industry took us from there to Central Queensland before settling in Brisbane. I am now back living in Sydney as a Shipbroker with my wife and our pug Ruby. My hobbies include playing golf, travelling and horse racing. Intro to IT is my last subject of my Bachelor of Business (Logistics and Supply Chain Management) at RMIT. My student number is 3407958. My interest in IT has stemmed from growing up at a similar pace to technological developments in the world. The intrigue that comes with learning a new piece of software or experiencing the newest piece of hardware has always been fascinating to me. In my current workplace I am always looking at how we can do things better or more efficiently through technology. My IT experience is limited to the day-to-day software I use for my work and in my personal life, however I am enjoying learning basic coding skills in this subject. For Assignment 2, our group name is Energetic Imperials.

**Rhean Doyle**

My Name is Rhean doyle – I was born and raised in Brisbane QLD by an Australian Caucasian family. I attended St Dympna’s primary school and then St. Joseph’s Nudgee college for high school. I have one brother and am part of a reasonably small family. My hobbies include but are not limited to – Gym, Rugby, Computer games and spending time with friends.

I have had a long-standing interest in all things IT – Starting with gaming as a child and extending into the infatuation of what IT systems can do on a professional basis. I find the ability to use technology in every day work to increase productivity and accuracy extremely interesting and hope to one day be the pioneer of my own system to achieve the same end result.

I hope to really thrive at RMIT and to have great success with the IT pathway.

**Chloe Buzza**

My name is Chloe, I was born in Narrogin, Western Australia in May 1994. I am from an Australian Caucasian family and have two older brothers. I was brought up with no religious beliefs and speak only English at home. My hobbies include playing hockey, exercising, spending time at the beach, renovating my home and watching sport. I am currently studying a Bachelor in Business majoring in Financial Planning through RMIT and my student number is 3644620. My interest in IT is limited to the skills I need for work, social media and discussions with my brother who is a computer programmer. My IT experience follows this trend and is limited to what I use for work, committees I am on and what my brother has shown and taught me. In Introduction to IT assignment 2, our team name is Energetic Imperials.

## Group Processes

## Career Plans

# TOOLS

Link to group website:<https://energeticimperials.github.io/>

GitHub Repository: <https://github.com/EnergeticImperials/EnergeticImperials.github.io>

Low Fidelity Prototype: <https://www.figma.com/file/FEG45OaDYak1QvXPDLhmix/Imperium-Assist-Prototype?node-id=0%3A1>

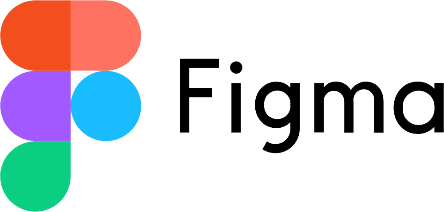
**What we have done:**

To create our team website (Energetic Imperials), we have used a combination of communication tools, code editing tools and the canvas website. Visual Studio Code was used to edit the html file that runs our team webpage. Visual Studio Code is a free source-code editor made by Microsoft. We found this software very intuitive and simple to use. We used GitHub to host our team repository so that all of us could access the files we used to create the webpage and report. To share files, we also used canvas. Canvas was helpful for file sharing and communication, however, our main communication tool that we used was a chat group we created on WhatsApp. This was extremely helpful as we could all stay in contact even if we were busy. Microsoft word was used to create this report which was then converted to a PDF file upon completion. Microsoft Power Point was used to create the story board/draft for our application. We also used Figma, which is a web-based prototype design tool, to create a rough prototype of our application (see above link). Google forms was used to create surveys to outline how we would run the testing section of this project.

**Reflection: How the audit trail on Git repository represent our groups work**

The audit trail on our Git repository is not an accurate depiction of who contributed to which sections of this report. The Git repository commits and pull requests will mainly display the creation of the website and updating the word documents used to create this report. Most students in the group preferred to use canvas to share files so this was then transferred across by another team member. Most people found it easier using canvas as this could be done via a mobile device when on the go with other commitments. Therefore, the audit trail does not represent who contributed the most at all in this assessment.







# PROJECT DESCRIPTION

**Overview**

**Aims**

**Plans and Progress**

**Roles**

**Scope and Limits**

# Tools and Technology

This section will be outlining what software and other tools will be required to create our project.

The software and tools for this project include communication and file sharing platforms, testing software/knowledge, basic documenting tools for writing notes, coding platforms, servers and cloud services, and an office for the team to work from.

These are the software/tools required to make the Imperium Assist mobile application:

* GitHub version 2.14.2
* Microsoft Teams version 1.3.00.4461
* Microsoft Office 2019, volume: 1808 (16.0.10364.20059)
* Google Forms 2020 (no version history), for survey user research
* Figma desktop app, version 87.8.0
* One Drive, version 20.124. 0621.0006
* IBM servers – Large enterprise servers
* Windows 10 operating system, version 2004
* MAC operating system version 10.15
* Android Studio version 3.6
* NoxPlayer version 6.6.1.2
* Xcode 12 beta (has inbuilt emulator)
* IOS SDK version 12
* Android SDK platform, version 30.0.4
* Tricentis Tosca version 12.2
* IOS 13 Operating System
* Andriod 10 operating system
* Google Play Store, APK 20.0
* IOS App Store
* Desktop Computers/Latops/Macbooks
* Keyboards, Mice, Microphones, Speakers, Headphones, Webcams
* Office Space or home office if in lockdown

Our team have all had experience using GitHub, Microsoft Teams, Microsoft Office, One Drive (or another cloud storage service), Windows or MAC operating systems and the use of computers in general. GitHub was used by all of us during this course and the other software we have all used in general day to day life. Some of us in the group have used coding platforms but not these specific ones that are listed. We believe this list of tools and technology will be all that the team needs to launch the Imperium Assist mobile application on IOS and Android devices.

# Testing

The Imperium Assist App will endure vigorous testing through all stages of production, from early development right up until final release and for ongoing updates and patches. Before the app even begins the development stage, user testing will be conducted using surveys and focus groups. To find these users we will use the following methods: develop an email list through expressions of interest via social media posts, Beta user websites, Facebook Groups, Reddit, websites such as <https://usabilityhub.com/>, and once the App is in Beta stage we will have a big enough user list to help us with feedback and testing moving forward.

Once we have found at least 1000 potential users we can start conducting the initial user surveys to find out what our users want from this application. This testing can be done using google forms to create surveys and easily view results. Please see an initial survey we conducted here: <https://docs.google.com/forms/d/e/1FAIpQLSc8hLdL64qQ-RbGpt0o3Xpe9oEOFD2NqichdHstK6JJ0fuoUQ/viewform?usp=sf_link>

The results from this survey will help to determine how many people will benefit from this application and what extra features we could add during development or update stages.

This next mock-up survey would be used on the users that have been using the Imperium Assist application so we can fix any issues or add/remove sections highlighted in the results from this survey:

<https://docs.google.com/forms/d/e/1FAIpQLSfphmvsY8nDqYPqXkQVLSFhYRbNK1mFR4tGh2XnyjilIGmdZw/viewform?usp=sf_link>

Focus groups will also be run so we can observe users actively using our application and gain vital feedback from this process. These focus groups will also be used to find any potential errors withing the application.

Before the Beta version is released and again before full release, the Government will outsource and fund another development team to run testing and error checks on Imperium Assist to ensure that nothing has been missed by the original development team.



**Timeframe**

**Risks**

**Group Processes and Communications**

# SKILLS AND JOBS

## Position Descriptions for 4 staff members.

# FEEDBACK

# GROUP REFLECTION

## Group Reflection

## Individual Reflections:

### Thomas Rix

### Rhean Doyle

### Chloe Buzza

### Caroline Burt

### Robert Roper

Once again, I think we worked very well overall as a unified team for this assignment. There were no misunderstandings or negatives throughout our team experience. From the beginning everyone knew what sections they were doing as we determined this at the very start of the project. I think this worked well and everyone communicated well throughout if they needed any advice or help with their sections. Good work team was great working with you all.

### Geoffrey Lloyd

## References