

<b>Project Title</b>	Mobile application for secure and private file sharing on the cloud.
<b>UOW Supervisor</b> Name of academic(s) that is/are supervising the project	Dr Pairat Thorncharoensri <a href="mailto:pairat@uow.edu.au">pairat@uow.edu.au</a> , Room 3.228A
<b>Availability (this project is offered in: )</b>	SWS and Wollongong
<b>Client (if applicable)</b> Name, Role and Organisation of the client who 'owns' the project	None
<b>Problem Description</b> Brief description of the business problem to be solved and a preliminary list of key functionalities to be delivered by the product	<p>The purpose of the project is to develop a mobile application that allows user to securely share the file, photo or message on the cloud.</p> <p>The photo should not be able to reshare to another party without original file owner consent. The photo that stored on the cloud should be secured and none should be able to open it without original file owner consent. This should also including the cloud storage service provider.</p> <p>This system should provide some basic controlling and setting for user to add file or message. It should provide a simple chat function that can share file over the chat function. The setting for privacy should be easy to manage. To secure sharing file, it should be simple as well.</p>
<b>Expected Project Benefits</b> Brief description of the business benefits that the client expects the product to deliver	No Client
<b>Potential Stakeholders</b> Names and roles of Company/External stakeholders who will be (a) using the product (b) providing information related to the scope and functionality of the product (c) providing information about the technological environment within which the product will be used (d) approving the product for use	None
<b>Expected Commitment</b> Staff to advise the number of hours per fortnight key stakeholders could commit to the project over its duration (annual project), and how staff would best like to organize this, e.g., Skype sessions, teleconference calls, face-to-face meetings with students etc.	<p>The group will need to arrange a meeting with the supervisor for about 1 hour each week during the session. It can be via Zoom or face-to-face meeting.</p> <p>The meeting needs to be scheduled in advance or timetabled such that most members of the group must attend each week.</p>



<p><b>Technology Description</b></p> <p>Options for the platform on which the product is to be developed</p> <p>Options for key tools and technologies to be employed for developing the product</p>	<p>In order to construct this system, the students will need to have some basic knowledge of system administration, network security, cyber security, cryptography, data mining, network protocols, a skill in OOP, C, C++,python, JavaScript (node.js), Java, Android studio/Swift (IOS).</p>
<p><b>Any Further Information</b></p>	

