# Executive Summary

This project involves the design and construction of YouChat - an excessively easy application used for messaging. The primary aim of the task is to design and construct such an application which is functioned to successfully send messages, images, documents, animations, receive and make calls.

Initially, individual feature of the application was designed separately. Team members brainstormed and integrated ideas for features. Sketches were created, and discussions were held regarding the proposed function of the features and the overall application.

Following development of these designs, some features were made individually with other features. Early prototypes of these components included the use of the mobile application.

After making of the prototype, the application was modified to improve efficiency and overall functionality. Some features were updated by more efficient processes. In order to be quicker and more reliable, new updates were made to the application.

In construction of the final application, some changes were made to improve stability, reliability and effectiveness. 128-bit encryption feature was added to the final application to provide a shield to the messages and attachments from being read or opened by anyone except the intended recipients.

As such, the performance of the application during formal assessment is expected to be successful, providing no damage or unknown crashing occur prior to the final competition.