

## 3813ICT Assignment 1

The assignment for this subject is broken up into 2 phases. The Phase 1 documentation includes information to give you an overview of where the finished app is going. Not all of the information in the assignment document is to be implemented in Phase 1 of the assignment..

### Phase 1:

The primary purpose of Phase 1 is to plan and document you design decisions. You will also make a start on the implementation of the app focusing on the user creation, login, and assignment to groups/channels. All of the "Pages" for the app should exist and be navigable, though some will have limited functionality.

What is required for **Phase 1 of the assignment**

YES	NO
Documentation & planning	Use of a database (Unless you want to) (No FIREBASE - will be using mongoDB in Phase 2)
User interface implemented (the layout of each page used in the app should exist, though some of it will be non-functional.)	Use of sockets (actual chat functionality not required at this time)
Data stored in browser local storage (convert to DB in Phase 2)	Upload of images not required at this time.
User login (each role will have a different view of what they can and can not do)	Video chat functionality not required at this time
Assign users to groups and channels	

### Phase 2

In Phase 2 you will complete the application to include the use of:

- mongoDB as the datastore
- sockets for real time communication (chat functionality)
- PeerJS for Video Chat etc.

Basically have a finished functional application.

You will also include some extra documentation as required.

If you are unsure as to what is required in the app then please ask questions. This is part of the development process.