

## Overview

- 1.name/email address
- 2.problems with teamwork-driven communication tools(interview to get the answers)
  - 3.User stories (lectures-7-1)
    - As a < type of user >, I want < some goal > so that < some reason >
    - add User Acceptance Criteria(not too broad/minimise technical detail)
    - Criteria to test (black-box tests)
    - Scenario Oriented AC
- 4.validation: ask the comment from the ppl
- 5.solution: interface design(6.2)
- 6.Conceptual modelling(7-2)
  - State diagram

## PRELIMINARY IDEAS

- Add Discord-like servers (acting as “channel of channels”) to Flockr
- Add direct messaging between users
- Ability to add/remove other Flockr users as friends - send/receive friend requests, accept friend requests, block users
- Ability to show status of users as online/offline/idle/away/etc
- Ability for users to set custom status
- Add audio-calling/conferencing functionality
- Add video-calling/conferencing functionality

## IDEAS AFTER ELICITATION

**RED** - critical to usability

**ORANGE** - quality-of-life feature, not as important

**BCC** - beyond current capabilities

- Discord-like servers (acting as “channel of channels”) to Flockr
- Direct messaging between users
- Add/remove other Flockr users as friends - send/receive friend requests, accept friend requests, block users
- Add audio-calling/conferencing functionality - **BCC**
- Add video-calling/conferencing functionality - **BCC**
- Add file sharing
- Ability to show status of users as online/offline/idle/away/etc
- Ability to see status of messages (sent, delivered, seen, etc.) - **BCC**

## **FINAL ROADMAP**

**Problem 1:** Some advanced users may want to group channels with similar purposes together.

**Solution 1:** A user coming from Discord suggested the use of Discord-like servers to group channels, such that each “server” is considered a single channel and within are subchannels (Interview 1). Another user coming from Microsoft Teams felt that this is of low importance as a feature to add, and is superfluous to his workflow (Interview 2). As a middle ground between adding more features and keeping it simple, we have decided to add the optional ability to group channels like files in a folder - users can keep on using their channels as is, or group some of them together in what would be known as a “Flock”.

**Problem 2:** Currently the only way to message other users is in channels. What if the user wants to send a private message to another member? Having a private channel with the two users as the only members is a workaround, but other users can still be invited, so not completely private.

**Solution 2:** Add private direct messaging between two users at a time.

**Problem 3:** Many team-based collaboration requires sending files, whether it be images, PDFs, word documents, or code. Flockr does not allow any form of file sharing.

**Solution 3:** Add ability to send and receive files in channels.