COMP4905 Honors Project Proposal

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Project name: OurSpace

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1 Overview

OurSpace is an app on iOS, it allows users to create many spaces, and each space has two owners (users). In spaces, users can upload and view photos, logs and they can set anniversaries, and all those contents are only visible to the two owners. OurSpace is a place to keep secrets or memories with another person.

2 Motivation

I want to create an app like OurSpace only because that I think every relationship between two people is uniq and is wroth remembering. With OurSpace, memories or secrets of different relationship is put into different Space, every time you walk into a space, you will think of your memories with this person.

Another reason is that I only learned how to create an iOS app with Swift in COMP1601 and COMP2601 but never used it in practice. So I want to take this opportunity to create an iOS app of my own.

3 Features

1. User Login:
    a. User can login with google account.
    b. User can reset password.
    c. User can sign up with their own email address.
    d. Every new User needs to verify email address before using OurSpace.

2. User profile:
    a. User can change user name.
    b. User can change profile photo.

3. Space:
    a. User can create space with another user but only one space with the same user.
    b. The created spaces will be displayed on the dashboard of both owners.
    c. Each space has 'Photo' function which allows user to view/upload/delete photos in that space.
    d. Each space has 'Log' function which allows user to view/create/delete logs in that space.
    e. Each space has 'Anniversary' function which allows user to view/create/delete anniversary in that space.

4 Expected Features

1. After entering a space, user can see a countdown of the most recent anniversary.
2. User can download photos from OurSpace.

5 Technology Requirements

Development tool: Xcode
Programming Language: Swift
Platform: iOS
Server: Firebase

6 Schedule

Date	Description
January 11	Start doing research and be familiarize with Swift
January 18	Start developing
February 1	Deliverable 1: Login function should be finished
February 17	Deliverable 2: Profile funtion should be finished
March 8	Deliverable 3: Create Space and Photo funtions should be finished
March 24	Deliverable 4: Development should be finished
March 25	Demo
March 26	Start writting final report
April 16	First draft of final report
April 22	Submit final report