

ENSE 400 Project Proposal

	ENSE 400
Christian Anwanaodung	200360001
Iden Ellia	200370502
Joe Samano	200365260

Introduction

Our clients have a transdiagnostic ICBT program for depression and anxiety (the Wellbeing Course) that are specifically tailored to post-secondary students (the UniWellbeing Course). The UniWellbeing Course has now been offered to over 800 students. In its current format, the UniWellbeing Course consists of 4 core lessons with the first three lessons having homework assignments. Students also have access to case stories and additional resources as needed (e.g., resources related). In order to facilitate treatment completion, students receive automated emails and have brief weekly contact with a clinician via email or phone. Results are highly encouraging, with 63% of students completing the full course, 11% 3 out of 4 lessons, 13% 2 lessons and 13% 1 lesson. Significant improvements in anxiety and depression have been found along with high levels of satisfaction with the course. It has been identified that prior to treatment, it is critical for students to be introduced to the course, comfortable with the treatment approach, and willing to practice and develop skills. While the above results are encouraging, feedback from clients suggests that the application used to deliver ICBT could be improved to better engage younger users.

Scope

So, in order to better engage younger users, we are creating a phone application that for their UniWellbeing Course which is currently being done with a web-based application. Our goal is for this phone application will have all the current features and functionalities of the web-based application and the phone application will be across multiple platforms which include iOS, Android, and Windows; however, we will not have enough time to do all this. So after we discussed with our clients, what we intend to do is we will be creating an iOS-based application which includes the email features of their web-based application. The following are the project requirements we received from our client:

Primary Requirements

- Present user with a login prompt (user/password)
- Using the combination above, obtain valid API token.
- Show list of messages to the client. Each message in the listing would have: subject, from/to fields, portion of the message body, urgent/system label (if applicable).
- View particular message: Show all of the above in addition to the full body of the message.
- Navigate between folders (Inbox, Sent, Drafts).
- Save a draft message
- Update draft message
- Send a message (new or one that was drafted earlier)
- Delete a message
- Display any broadcast messages
- Ability to dismiss broadcast messages (if dismiss-able).
- In general, application needs to handle errors appropriately when requests were not successful.

Additional Requirements

- Folder management (add, edit, remove) folders for client
- Message management: e.g. move messages between folders, mass delete of messages
- Show current or past program enrollments.
- Let client respond to next survey that is due (this could be very challenging requirement)
- Let client browse course materials
- Staff member can login using username/password.
- Listing of messages and folder management (as above)
- Display current caseload (list of active clients)
- Display a particular client's casefile.

If we still have enough time after implementing these project requirements, we will discuss with our clients on what we could add more that is desirable for them.

As to how we will segment our project. Iden will handle the server-side of the application while Christian and Joe will handle the client-side of the application. The primary requirements will be divided into multiple milestones at least 3 to 4 features per milestone and each milestone may last at least one week.