# American University of Beirut

## EECE 350

### Course Project: myCal
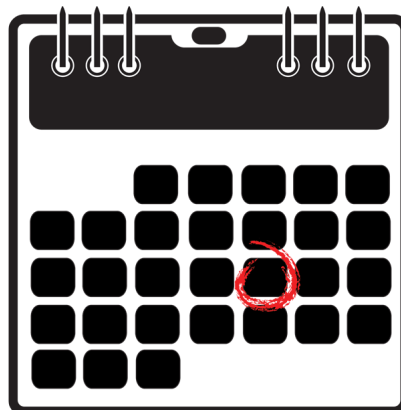
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# Progress Report

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# Milestone 1:

## 1    Overall Application Design:

We started off having the login and the sign-up pages within the same frame. Then once a user logs in, a new, bigger frame is opened containing the home page and the functions, such as add friend, add event, etc.

On the login panel, we placed the logo shown on the cover page of this progress report (which we made using Adobe Illustrator CS6 and then changed to size 246x260), the username and password fields, along with the sign-in and sign-up buttons. In addition, we added some extra idle features such as the remember me checkbox and the terms of service.

On the sign-up panel, we included text fields for the parameters needed to create a new user. These parameters consist of the user's first name, last name, username, email, and password. We also added a progress bar to show the password strength which takes the value of 0% when the password field is empty, adds 25% when something is written, another 25% if the password is longer than 5 characters, and another 25% if the password contains numbers.

We still haven't started with the main GUI but are able to add users or events to the database through the console. What we intend to do for the main GUI is to have three main columns. The left column containing the users information. The middle column containing the news feed (new events, new friends, etc.). And the right column containing the options available to the user, including the option to add a user, or to add an event. When any of these options want to be chosen, the user must click on the button which will cause a new frame to open according to each option. For example, there will be a frame for adding users, a frame for adding events, and a frame for editing events and such.

## 2    Code Functionality:

We are using eclipse along with the swift windowbuilder for our GUI. So far, we only implemented the login and sign-in functions using a GUI, but intend to make everything operate using a GUI. The rest of the functions are tentatively being operated using the console. As for the database, we are using a third-party application called Sequel Pro, which is currently running fine.

# 3 Tasks Remaining:

- Finish rest of main code

- Finish rest of main GUI

- Implement additional features

- Write final report

# 4 Suggested Schedule:

We plan on finishing the entire project well before the actual due date. By the end of this week we plan on finishing the base requirements so that we can start working on additional features by next week. That also gives us time for modifications and fine-tuning the week after that.

# 5 Task Division:

We intend to continue working on the project the same way we have been doing so far. We meet up, discuss what we need to do and figure out how to do it. Then we divide roles and work in parallel. Finally we combine the separate pieces together. For instance, when we first started working, we each sat on our computers writing the different classes/functions we needed. Then we combined them and moved on to the next task. For the GUI, we had one person work on the appearance/aesthetics and the other person work on combining the GUI with the actual codes.