Overview—Our team plans to build a mobile application that provides a more efficient and effective way for University of Arkansas fraternities to manage their Rush process. Most of the fraternities on campus still manage Rush using pen and paper. If we can successfully implement a Rush application that handles key Rush information and management transactions while providing a easy, clean, and informative user experience, we can improve the Rush experience for both rushers and fraternity officers.

When the application is sufficiently developed and implemented within some Greek organizations on campus, there is potentially some business opportunities available with using this application. By proving the concept can work with a large Greek-life university at the University of Arkansas, we could roll this out to regional and then finally national chapters of Greek organizations as an independent development team. Revenue could be consistently generated based on small licensing fee for a server side application for individual chapters.

We plan to execute this project by implementing a client-server architecture where the client mobile applications can view various transactions and grab reports or statuses from the server application used by the chapter. The server will store and distribute Rush information to the calling clients. Some key functions we expect the app to do is allow users to look at their current Rush status, receive event broadcasts from an officer client application that notifies rushers about upcoming events, and a chat functionality to communicate between users of the application.

I. CURRENT PROGRESS

Currently we have designed some screens for user interface and design. Our focus is to on the Rush view. This will entail a home view, a contact page, and a form. The home view will contain a list of Rush events and details such as time and place. The contact page will contain contact information for rushes if they have any information. This view will just contain the organization’s leader names and emails. The last view will be a form for interested rushes to fill out. The form will ask for name, major, email, etc. The data is stored in an database hosted on Heroku. To handle screen navigation, a fragment in the form a menu will be utilized. The following figure are some mock up designs.

II. RELATED WORK

There are similar applications like GreekLink that has similar functionality. The intent of this application was not to be commercialized and be free to use for a specific fraternity. But, there is room for it to be sold at a lower cost if other Greek organizations are interested.

III. APPLICATION DESIGN

As of now there is a client application and server application that serves as the controller. The client application is requests events that are shown on the main page. This can also be used to show the contacts for the fraternity.

IV. RESULTS

On application launch, the user will be greeted by the homepage with a list of upcoming rush events for the specific organization. The list shows the title of the event, time and date, location, and any special instructions if needed. The top left button can be used to launch the menu. The menu has a spinner where the user can switch between the organizations (not fully implemented). The menu contains a Home, Forms, Contact Info, and About options the user can pick from. The Forms page prompts the user to enter their information including first and last name, students status, and email. Once the user submits their information it will be stored in a table that the admins can later use.

The Contact Info option provides points of contact to the user. The last option for the user to pick from is the About option and it shows the values of the organization and contains some words of a few members.

V. FUTURE WORK

In the future the application can request the contacts and fill the contacts fragment the same way as the rush event list. Next if, the application was to be commercialized there would have to be a way to load other Greek organizations’ information. A template model would be used and fill in the corresponding information. Also an admin application would be developed to have a view of all the potential rushees’ information for later usage. Form an aesthetic point of view, the colors and images would be altered.
Fig. 1: Home view with calendar

Fig. 2: Contact page
Fig. 3: Form view

Rushee Sign-In
Thank you for showing interest in Theta-Tau!
Please enter your information below.

First Name:
Enter first name here...

Last Name:
Enter last name here...

University Year:
Freshman

University Email:
Enter UARK email address...

Submit Form

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Fig. 4: Menu view

Theta Tau

About Us
Home
Forms
Contact Info
Fig. 5: Menu view with organization selection