# Senior Software Report 2

## Team 1 – TUtor Me

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# An Organizational Chart of All Participating User Areas, including their Hierarchal Relationships

Attached to end of report.

## Potential Interviewees

**Sheryl Tynes**
Assoc VP – Curriculum/Student Issues
Academic Affairs
stynes@trinity.edu
210-999-8203
Northrup 410 N

**David Tuttle**
Associate Vice President for Student Affairs
Dean of Students
dtuttle@trinity.edu
210-999-8843
Northrup 118

**Colton Parnes**
Honor Council Internal Chair
colton.parnes@trinity.edu

**Rahaman Navaz Gangji**
Honor Council External Chair
Rahaman.NavazGangji@Trinity.edu

**Grace Ungchusri**
Physics Tutor
Grace.Ungchusri@Trinity.edu

**Peggy Guo**
Chemistry Tutor
Peggy.Guo@trinity.edu

**ACM Tutors**

Matthew Fitzpatrick
Matthew.Fitzpatrick@Trinity.edu

Ryan Darley
Ryan.Darley@Trinity.edu

Kristen Lund
Kristen.Lund@Trinity.edu

Aly Miller
Alyson.Miller@Trinity.edu

## Current Systems – User Problems

**Honor Code Website**

The academic information section of our application will contain general information about the Honor Code Policy at Trinity. It will include a brief summary, frequently asked questions, contact information, etc. Although all of this information can be found on the Honor Code web page of the trinity site it is somewhat hard to find. Also, the web page for some reason was not updated during the last website overhaul. The information is very scattered and verbose. We hope to provide utility by putting all of this information in one place, easy to find, and in terms that everyone can understand.

**Trinity Website**

The academic information section of our application will contain an academic calendar and other important academic information. Although this information is available on the Trinity site it is somewhat scattered and hard to find. There is a lot of information on our website that is geared to prospective students instead of current students. Our application will put the Academic Calendar in a format that is easy to view on mobile devices, instead of having to download the PDF page from the website, which does not read easily on the mobile device. We hope to include the functionality of exporting important dates to your devices native calendar application providing even further utility. Also, the Trinity website simply contains no information on peer tutors. It states to contact each department individually to obtain more information.

**Facebook Events/Groups**

 A lot of students currently use Facebook to organize events or to set up certain groups. However with Facebook, there is no easy way to find people that are in your class in the hopes of organizing a study session. You have to be friends with the person outside of class in order to invite them to an event or to add them to a group. Our application gets rid of this requirement and allows you to see an of the study sessions that might be going on. This allows students of a particular class to study together without having to worry about getting everyone's contact information and going through the process of finding each other on Facebook and adding them as a friend. It is also possible that while you might want to study with this person/group of people you might not want to necessarily maintain a friendship with them outside of class.

# Participation in the Analysis

Individual Survey/Interview

- Take Reports 1 and 2 and list of requirements explain general purpose/features of application
- What are some features you might want to see?
- Do you foresee any problems with current features?
- Can you see yourself either using this application or promoting it?
- Is there anything like this that Trinity already uses?

# System Specifications and Requirements

**Tutor**
- Prompt user to create tutor profile
- Display list of tutors
    - Filter by subject/class
- Search for specific tutor
    - By name
    - By subject/class
    - By email
- View tutor profile
    - Subject/class
    - Contact information

**Study Sessions**
- Prompt user to create study session
- Display list of study sessions and organizer
    - Filter by subject/class, date/time
- Search for specific study session
    - by name/email of organizer
    - by subject/class
- View study session detail
    - When/where
    - Description
    - RSVP/number of students
- set reminders

**Academic Information**
- View academic calendar
- Export data to calendar app
- View honor code FAQ

**Settings**

- Notifications
- User profile

**\*\*Handling of inappropriate content**

We have decided not to worry about a rating system for the tutors. We hope to construct some sort of filter in the web service that will search for certain words/phrases in tentative postings. If the filter finds a word or phrase that is deemed to be not allowed, the post will not make it through the process, and will not be posted on the app. Might add the functionality of sending email to user saying that there post was denied. Also users will have the ability to flag inappropriate content that might have made it through our filter. After 5 flags your post will automatically be removed from the application.

## Political Relationships and Systems Support Expectations

Each point of contact should only be relied upon when compiling certain content/thoughts and expectations for our applications. Specifically with the Honor Council we will look to maintain a relationship with a point of contact who can notify us of any changes or updates. (We do not actually anticipate that there will be any changes, since there has been non since the induction of the Honor Code, still have system in place just in case). We also look to maintain a relationship with all of our interviewees so that we can continue to gain their opinions/concerns through the entire development process. There should be no need for any kind of moderation or direct involvement with the application from any of our points of contact.

## A Brief Summary of Off The Shelf Software or of Customized Software Available for this Application

There is no custom software for this application. Some of the software that we are using as a tool set include:

Xcode 4
Eclipse with Android Development Tools Plug-in
Adnroid Development SDK
Dropbox for Team Files
Assembla Git Repository Hosting

# Feasibility Report

**Economic**

In terms of economic feasibility, there are no resources needed at the moment besides our time. All of us already have the equipment that is required to develop this application; so there was no additional cost there.

**Technology**

In terms of technological feasibility, all software and required development tools have already been configured and installed on each of our personal machines. The application will need to connect to some time of web service and database (Mark Robinson).

**Time**

In terms of time feasibility, we feel that our current schedule of 2 team meetings per week is sufficient. In between these 2 team meetings will be individual/group programming time to make sure that we are on a good pace to complete all of the features desired for this application. We have set up a good schedule in accordance with the class schedule and syllabus.

**Legal**

In terms of legal feasibility, we will have to be careful about misrepresentation of the Honor Code. This is why we have included many members of the council as our potential interviewees. We will also have to be careful in terms of not misrepresenting the University or allowing users to think at this point that this is a University sponsored application/way of getting in contact with peer tutors.

# Organizational Chart of Entire University Administrative Structure

We have highlighted our major points of contact in this chart. Our peer tutors do not show here because there is no formal structure for the peer tutors.

## University Administrative Structure

Walter Huntley
Board of Trustees, Chair

Dr. Dennis A. Ahlburg
President

Gary Tanner
Internal Auditor

Maureen Crea
Senior Secretary for the Chapel

Stephen Nickle
Parker Chapel Chaplain

Claire Smith
Executive Assistant to the President

Faithe Campbell
Executive Coordinator

Debi Arbuckle
Executive Secretary

### Dr. Michael Fischer
Vice President for Faculty and Student Affairs

- Dr. Sheryl Tynes
  Associate Vice President of Curriculum & Student Issues
- Dr. Duane Coltharp
  Associate Vice President of Faculty Recruitment & Development
- Dr. Diane Smith
  Associate Vice President of Budget & Research
- Christopher Ellertson
  Associate Vice President for Enrollment and Student Retention
- Bob King
  Director of Athletics
- Dr. Robert Huesca
  Director of International Programs
- Barbara Ras
  Director of Trinity University Press
- Alfred Rodriguez, Jr.
  Registrar

### David Tuttle
Associate Vice President for Student Affairs and Dean of Students

- Wanda Olson
  Associate Director of Residential Life
- Dr. Raphael Moffett
  Director of Campus & Community Involvement
- Dr. Gary W. Neal
  Director of Counseling & Health Services
- Dr. Brian Hirsch
  Director of Career Services
- Miguel Ardid
  Director of Dining Services
- Dora Amador
  Bookstore Manager

### Academic Departments

Art & Art History
Biology
Business Administration
Center for Entrepreneurship
Chemistry
Classical Studies
Communication
Computer Science
Economics
Education
Engineering Science
English
Geosciences
Health Care Administration
History
Human Communication Theatre
Mathematics
McNair Scholars Program
Modern Languages & Literatures
Music
Philosophy
Physics & Astronomy
Political Science
Psychology
Religion
Sociology & Anthropology
Upward Bound

### Vacant
Vice President for External Affairs

- Rick Roberts
  Assistant Vice President of University Advancement
- Debbie Brient
  Director of Corporate & Foundation Relations/ Special projects
- Kathy McNeill
  Senior Director of Annual Giving
- Mary Kay Cooper
  Director of Alumni Relations
- Clint Shipp
  Senior Director of Advancement Services
- Linda Campbell
  Director of Major Gifts

### Sharon Jones Schweitzer
Assistant Vice President, University Communications

### Mark A. Detterick
Vice President for Finance & Administration

- Ana M. Windham
  Associate Vice President for Budget & Business Operations
- Bradley Melton
  CPA Controller
- John W. Greene
  Director of Campus Planning & Sustainability
- Mike Schweitzer
  Acting Director of Buildings & Grounds
- Pamela Johnston
  Assistant Vice President for Human Resources
- Paul Chapa
  Chief & Director of University Police
- Don McTeer
  Director of Investments & Treasurer
- Ann G. Knoebel
  Director of Conferences & Special Programs

### Dr. Charles B. White
Vice President for Information Resources

- Dr. Diane Saphire
  Associate Vice President & Director of Institutional Research
- Fred Zapata
  Director & Chief Information Technology Officer
- Diane Graves
  University Librarian
- Ronne Swanner
  Director of Center for Learning & Tech.