Announcements

- Final Project Proposals start next Wednesday

Today’s Topics

- Final Projects
Guest Presentations

- **Sara Lerner**
  - Graduate student at the Brown School
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- **Paul Boal**
  - Graduate student in the Executive MBA program
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- **Adia Wingfield**
  - Professor of Sociology
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Habif at a Glance

- Located on the South 40 of the Danforth Campus
- Comprehensive health and wellness care to undergraduate and graduate students at WUSTL
- Same-day medical appointments and scheduled health visits
- Services for mental health, sexual health, nutrition, Immunizations, alcohol and other drugs, allergy injections, and more
- Health promotion department supporting student wellness and education
- Zenker Wellness Suite Health Promotion Hub In Sumers Rec Center
- Highlighted programs: Free pop-up flu shot clinics, STI screening events, Stressbusters massages, and Let’s Talk pop-up mental health counseling sessions.

The Need

TARGET POPULATION
- There are ~15,000 combined undergraduate and graduate students

WEBSITE TRAFFIC
- Newly designed website this year can be difficult to use but is used frequently (habit.wustl.edu)
- 23,059 page views in September ’19

NEED STATEMENT
- Despite efforts to be accessible, students report being unaware of programs and frustrated with the lack of health services options.
- In the 2017 NCHA Survey:
  - Only 40.3% of students reported receiving information on eating disorders
  - 31.3% on injury prevention
  - 22.9% on sleep difficulties
  - 50.5% on suicide prevention
- There are Habif programs, events, and promotional materials for all of these topics.

What are best practices for increasing awareness of Habif resources so that students have an increased knowledge and therefore accessibility to campus resources which will improve overall health and wellness of the student body?
DEVELOPING A WELLNESS APP

- Most Students have smartphones
- Resources, programs, and event information can easily be shared
- A calendar of events can be put on the app
- The portal to make appointments can be linked through the app
- Push notifications could be sent to remind students of appointments to minimize missed appointments
- The app could include content from campus partners who support student wellness such as the RSVP center, Rec Center, and student groups
- Students can be told to download the app as part of orientation to ensure use

Contents

- Special Events
- Medical Visit Info
- Regular Programs
- Sick Visit Info
- Calendar
- Insurance/Billing
- Campus Partners
- Health Promotion
Project Descriptions (Due by Monday at 11:59 PM)

• Team Member’s names
  – Groups of 4 – 5 students
    • No “groups” of smaller sizes

• 1 paragraph description of the project

• Project Name
Final Project Point Distribution and Due Dates

• The final project accounts for 30% of your final grade
  – Final project score is out of 100 points

• Final Project Group Description – 5 points
  – Due on Monday November 4th by 11:59 PM

• Project Proposal Presentation – 15 points
  – Submit as PPT, Keynote, or Google slides
  – Due on Tuesday November 5th by 11:59 PM

• Project Update – 10 points
  – Provide a brief description of what has been accomplished in the email
  – Submit code to demonstrate the accomplishments
  – Submit a 30 second video recording of your app
  – Due on Tuesday November 19th by 11:59 PM

• Final Project Code - 70 points
  – Due on Monday December 2nd by 11:40 AM

• Submit all portions of the final project to cse438ta@gmail.com

• Late submissions will result in a 0 for that portion of the final project

• Final Project groups consist of 4 - 5 people

Final Project Proposal Presentations

• We will start the final project presentations on Wednesday November 6th in class and continue them the following week

• Each group will have 4 minutes to present their app idea

• If someone from your group is not here to present your project you will receive a 0 for that portion of the project
Requirements for Project Proposal Presentation

• Motivate the need for the app
• Explain the pieces involved in creating the app
• Show a distribution of work for each team member
• Provide a detailed timeline with tasks and deliverable dates
  – What will be accomplished by the update presentation?
    • Will you demo a skeleton GUI by the second update meeting?
  – What will you show at the final presentation?
• Include a wireframe for your entire application
  – Each “screen” of your app should be included
  – Consider using Keynote, PowerPoint, fluidui.com or ninjamock.com

Wireframes
Final Project
Student Ideas?

Apps from Previous Semesters
### Matt Lanter’s App

**WashU Maps**
- Integrate with information about dining hours and menus
- Adding campus transportation and metro bus routes to map along with schedules
- Add department locations to map (e.g. it will show you which building they are in)

### Matt Lanter’s Apps

**WebSTAC**
- Adding other WebSTAC functionality (grades, gpa, course listings, registration, registration worksheet, etc.)
- Add Telesis functionality
- Add support for adding campus card points (either using function of WebSTAC or [https://acadinfo.wustl.edu/eTransact/](https://acadinfo.wustl.edu/eTransact/))
- Add other campus life information, such as dining locations, hours, menus, important phone number
Meetups

- Created by Jake LaMountain and James Farner
- Helps you keep track of your friends’ schedules and locations
- Use GPS coordinates and a map of WashU

I am Here

- Created by HT Kwon and Andrew Shaw
- Game where you “tag” your friends
- Uses coreLocation and mapSDK
eFlick

- Created by Justin McClain and Simon Tam
- Game with a purpose
- Help tag events happening at WashU
- Uses core animation and gestures

iFitness Manager

- Developed by Eric Peters
- Continued on as an independent study
- Made it to the App Store
  - Paid and Free Versions available
iFitness Manager

*Extensible Networking Platform*

**iDrink**

- Developed by Josh Mason and Julie Betlach

- Elevator Pitch:
  - Do you have various alcohols and other ingredients and need to make a drink, but don’t know what to mix together?
Gomoku and Sudoku

Amber Alert

- Yadira Reid
  Age: 13
  Missing From: HARTFORD, CT
  Missing Since: 01-05-2003

- Ali Trinidad
  Age: 13
  Missing From: WINDSOR Locks, CT
  Missing Since: 08-10-2005

- Tristan Trinidad
  Age: 15
  Missing From: WINDSOR Locks, CT
  Missing Since: 08-10-2005

- Shaina Tarat
  Age: 11
  Missing From: NEW BRITAIN, CT
  Missing Since: 12-20-2003

- Bhaiam Tarat
  Age: 16
  Missing From: NEW BRITAIN, CT
  Missing Since: 12-20-2003
Games with a Purpose

http://en.wikipedia.org/wiki/Human-based_computation_game