GetHip Class Project

# Project Description

This session you will designing and building a new, lightweight web application that solves a unique problem. You will be using a professional technology stack including real world technologies like MySQL, Java, Jersey, jQuery, HTML and CSS. Eventually, we would like to deploy the projects to a live web server in the cloud, such as Amazon Web Services.

Over the winter you will create an informative proposal in addition to the code that you will write. The front-end class will be creating interactive mock-ups of their website. The back-end class will be designing and implementing ERDs and the RESTful services needed to access them. Once we reconvene in the spring, you will present your proposal and code to the two sections. The class will then vote on 3 or 4 projects to work on for the rest of the session in teams. Each team will have front-end and back-end members.

# Winter Requirements

Proposal

We are looking for a 3-5 minute presentation that will describe key information about your application. Here is important information to include:

* Project goals – what is the problem you are trying to solve?
* Intended audience – who will be using your application?
* Functionality – what will users be able to do in your application?
* Application usage – how does your application solve that problem?
* Code explanation – database and services or front-end pages.

Back-End Code Requirements

* Proposed ERD for the project
* MySQL database with at least two tables created
* JDBC connection to your database
* Data access objects referring to the tables
* RESTful endpoints for CRUD operations on at least one resource