**Book-It**

Chris Compton

Jacob Nappi

Thu Tran

91.462 GUI Programming II

Project Proposal

Professor Jesse Heines

February 2, 2013

# Goal Statement

The goal of our project is to provide a web application for small business owners with an emphasis on 1-to-1 interactions that will allow their clients to book appointments with their employees in a fast, easy-to-use way.

# Feature Descriptions

## Appointment Calendar

The appointment calendar is the focal point of our application. Users will be able to log on and select with whom they would like to make an appointment. Once they do that, the respective appointment calendar will be displayed to the user.

### Different Views: Month and Day

* The calendar will first be presented to the user displaying the current month with the current date highlighted. The user will be able to switch months as needed in order to find the date they wish to make an appointment. In this view, the calendar will differentiate between days that are fully booked and days that have available appointment slots.
* Once the user selects a day that has an available slot, they will be presented with a more detailed view of that day. Just as in the month view, the day view will differentiate between free and booked time slots.

## User Login

We will have users create accounts and login in order to use the application. This has a number of benefits, both to the users and to us, as the developers.

## Purposes

* Customers will have their personal information stored to automatically fill in appointment forms. The goal of this is to make it faster and easier for the user. The user can still edit the form as needed, if for example, a parent is making an appointment for a child.
* Both customers and employees will be able to manage their calendars. Customers will have access to only their existing appointments and will be able to add, modify, or cancel appointments as needed. Employees will have unrestricted access to all of their client appointments, as they will need to manage their entire client base, in the case that they have to cancel or move entire days worth of appointments.
* Lastly, this will make development easier on our part.

# Feature Components

## User Login

### The user login feature is going to be based in PHP & MySQL. We will use a PHP wrapper to communicate with the MySQL server where the user’s credentials and personal information are going to be stored. This will allow the user to only view their appointment information on the calendar and they will not be able to see the personal information of other people.

## Calendar

### Built in html, js controlled

# User Descriptions

## Custom

## Business Employee

# Potential Issues

# Schedule

Thu - start on schedule

# Acceptability Criteria

Min Features (Required)

Time Permitting Features

Future Features