CS Capstone Design

Technical Demo Grading Sheet (100 pts)

TEAM: <u>Olympic Developers</u>

Overview: The main purpose of the "Technical Demos" is to very clearly communicate the extent to which the team has identified key challenges in the project, and has proven solutions to those challenges. Grading is based on how complete/accurate the list of challenges is, and how convincingly and completely the given demos cover the given challenges.

This template is fleshed out by the team, approved by CS mentor, and brought to demo as a grading sheet.

Risky technical challenges

Based on our requirements acquisition work and current understanding of the problem and envisioned solution, the following are the key technical challenges that we will need to overcome in implementing our solution:

C1: Creating Client User Account

This is challenging because there will be many different teams that will have different user accounts. We need to verify and allow access to the application with these accounts.

C2: Admin Access

This will be challenging because admins will have different permission levels than client users that will have to be handled with a different login.

C3: Request Training Camp

The challenges of this will include taking in all team information and storing it into our MYSQL database properly.

C4: Build Training Camp

This is challenging because we will have to pull down information based on the team from the database. This will allow the admin to create their schedule.

C5: Billing

This will be challenging due to having to keep track of a given service that the team will be using and any modifications that may occur in giving a live cost estimate of the camp.

C6: Update Prices

The challenges of this may include allowing the admin to have a visualization of the pricing of services and being able to change them to update the database.

C7: Notification Preferences

This is challenging because users will have the option to choose what they would like to receive notifications on in the form of email, text messages or both.

Challenges covered by demos:

In this section, we outline the demonstrations we have prepared, and exactly which of the challenge(s) each one of them proves a solution to.

_____

Demonstration 1: Create Client User Account

Challenges addressed: **C1**

Flight Plan: Step by step overview of demo

1. Start at home page
2. Click on *Create Account* button
3. Enter email address
4. Enter team name
5. Enter password you would like to use
6. Click *Complete Profile*
7. Complete an image CAPTCHA
8. Receive a confirmation of account creation in email

Evaluation:

✓ Convincingly demo'd each of listed challenges?

✓ Other evaluative comments:

_____

Demonstration 2: Client Request Training Camp

Challenges addressed: **C3**

Flight Plan: Step by step overview of demo

1. Enter information about the team
2. Enter information about scheduling
3. Store information in MYSQL database
4. When completed, look over given price
5. Confirm request of training camp
6. Received email that camp is being looked over for confirmation
7. Receive email once camp is either confirmed or declined
8. If camp is confirmed, receive routing number for 25% of wire payment

<u>Evaluation:</u>

✓   Convincingly demo'd each of listed challenges?

✓   Other evaluative comments:

Other challenges recognized by not addressed by demo:

If there were challenges you listed earlier that were *not* covered by a demo, list here. This will hopefully be a short list…but better to be clear about where you are. If you have items here, you could list (if applicable) any pending plans to reduce these risks.