College of Saint Benedict & Saint John’s University

Computer Science Department

CMC.com

Phase 4

Team Name: YogurtParfait.java

Team Leader: Yang Cao

Team Members: Jordan Theisen, Megan Daly, Noah Froberg, and Yang Cao

Date: 4/25/16

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**o Given the set of functionalities that you started with initially,**

**- Which functionalities have you completed as required?**

We have completed every functionality.

Completed are : Login (verify if User or Admin), Logout, User Manage Profile, User Edit Profile, User Manage Schools, User Remove School, User View School, User Search Schools,, User View School and Recommendations, Admin Manage Person, Admin View Person, Admin Edit Person, Admin Deactivate Person, Admin Add Person, Admin Manage Unversities, Admin Add University, Admin Edit University.

**- Which have you modified and completed (and briefly state why you modified them)?**

We modified the deactivate function such that the logged in admin cannot deactivate themselves which helps prevent prevent all admins being deactivated.

**- Which have you omitted (and briefly state why you dropped them)?**

None.

**- Have you added and completed any new system functionalities (and briefly state why you added**

**them)?**

No new functionalities.

**o Describe your experience working on the different phases of this project.**

**- Which phase(s) did you enjoy the most? Why?**

Phase four was one of the best simply because it was nice to see the whole project to successfully come together. We were also the most prepared for this phase, having had some experience scheduling the previous phases and working with one another.

**- Which phases weren’t very successful for your team? Why?**

Phase three was the least successful phase of the project. We didn't plan ahead enough and ended up somewhat running out of time and put together the write-up very quickly.

**- What have you liked in particular about the project?**

It was nice to design the project from the ground up as opposed to having to work around a tighter set of guidelines as we often have to do in other classes. This gave us more freedom to design how we wanted, a set of skills that seems like it would be useful for real-world software development. It also helped learning strategies on how to manage a more complex project.

**- If given the opportunity to redo a similar project from scratch, how would your team improve your**

**project experience?**

Plan more. We needed a more detailed schedule during most of the phases; we often ended up short on time. We also should have spent more time getting to know our team-mate advantages and disadvantages so we could plan accordingly. We should have spent significantly more time on testing to more carefully find, prevent, and fix various errors that occurred.

**Argument:**

We believe we deserve an A for the following reasons:

**Clear separation between system logic and presentation (i.e. logic should go in java classes and**

**presentation in HTML) resulting in minimal JSP code within HTML**

We worked hard to keep system logic and presentation separate, keeping a minimal amount of code in our JSP. The larges amount of code ever included in JSP came with the search functionalities simply because there were so many fields to handle.

**Complete error handling (using JSP error pages) & security checks (e.g., a user shouldn’t be able to**

**visit some pages without being logged in)**

We implemented security checks on every page to prevent unauthorized access to pages and unauthorized modification of the database. The checks not only make sure that the person is logged in, but checks that they are either a n admin or user(whichever is necessary for that functionality).

Minutes:

4/8

11am -12am

Jordan is late. He was talking to his professor

Written by Yang

Went over jsp and update the works so far and plan the work for next two weeks. We worked on the search action and changed some codes but did not run them yet. Also we reviewed the redirect and session in jsp.

4/10

7-10pm

All present

Fixed up the phase three problems and set up for phase four: creating the new folders and setting up the server and JARs.

4/11

All but Noah present.

11-12 8-9

Started with User functionalities and the log-in.

4/13

11-12 3-4

All present

Worked on various issues. Finished up the log-in and discussed next classes to work on.

4/17

7-10

All but Yang present

Started search functionalities. Finished up the User classes.

4/18

11-12 8-9

All present

Tested what we had and found various bugs to work on. Finished the Admin functionalities.

4/20

11-12 8-10

Noah and Yang present.

Got view school and view school and recommendation. Finished up the search, search action, and search controller.

4/24

7-10pm

All present

Worked on various bugs in the CMC web pages.

4/25

11-12 8-10

All present

Discussed what needed to be finished. Got the last parts of CMC up and running. Started working on the write-up.

4/27

11-12 3-4

All present

Finished up the write-up and prepared for presenting. Discussed final work to be completed.