

## Semester Project – Object Oriented Analysis and Design – Iteration 4

You are very proud of your work and look forward to presenting it to Premium Travel Services. All employees of Premium, including the CTO, are going to be present while you show a dazzling presentation talking about your project and performing a short demonstration. It's important your presentation and application look great to impress the CTO and Premium's employees.

Getting people excited about your work is the best way to win more work in the future. It's also how the CTO will decide how much you get paid for this iteration. As usual, the old CTO fondly remembers his graduate school days and sends you this bizarre online presentation he did for Dr. Mike Franklin's Operating Systems class:

[http://prezi.com/sfqxdrhc8ykn/?utm\\_campaign=share&utm\\_medium=copy&rc=ex0share](http://prezi.com/sfqxdrhc8ykn/?utm_campaign=share&utm_medium=copy&rc=ex0share)

### Iteration 4 Requirements

#### 1. Time

- a. Teams of 1 have 7 minutes to present your slides *and* demonstrate your application. Plan your time wisely – keep the length of your presentation reasonable.
- b. Teams of 2 have 12 minutes to present your slides *and* demonstrate your application, plus show your Doxygen output and demonstrate one automated unit test. Plan your time wisely – keep the length of your presentation reasonable.

#### 2. How To Present

You will use your laptop. It must have an HDMI port to plug into the overhead projector. Do not plan on presenting from the classroom computer because you have to show your compiled application as well.

#### 3. Slides

Create a PowerPoint, Google Slides, or Prezi presentation. 5 to 10 slides should be plenty.

#### 4. Content

- a. Start your presentation with any interesting aspects of your application. Remember – you want to convince your customer they are getting a great product that will provide great value. Your classmates have to watch a bunch of

these, so please try to keep it interesting. Also, they are going to rate your presentation.

- b. Include some information/graphics on the patterns you implemented. It's a presentation, so make sure the slides are readable – not screenshots of huge diagrams rendered tiny.

## **5. Application Demo**

- a. After introducing your project via your slide deck, switch over to showing your application.
- b. Do not compile your application in front of the class or run it in an IDE – you are showing a complete product to your customer at this point. You should be able to move through your app confidently.
- c. Create a new itinerary with multiple travelers, packages, etc. and demonstrate the later return function at least once.
- d. Show the itinerary for the new trip.
- e. Next, show the itinerary for a previously created trip (a complete trip saved to disk via JSON serialization/deserialization and reloaded).

## **6. Team of 2 Only**

- a. Both team members must present. Figure out how to divide the presentation so each of you participates. If only one person presents, the other person's grade will suffer.
- b. After completing your application demo, show your Doxygen output and explain the value of automated API documentation.
- c. Open your IDE and discuss one of your automated unit tests while running it. Be sure to explain the criteria needed to pass your automated test.

## **7. Attendance**

Everyone must attend presentations. Don't plan on only showing up for your night. Also, I will provide delicious donuts... you don't want to miss that.

## **8. Peer Feedback**

All students will rate each presentation. I will average the ratings. They will be 5% of the grade for Iteration 4. This is your motivation to make your presentation appealing to more than just the instructor. Consider your classmates the "customer." I will not share the ratings, so everyone can be honest without worrying about upsetting your classmates.

- a. Outstanding (4) – highly memorable, the customer is thrilled will give you a great recommendation and would like you to be the next CTO  
*Note: Every presentation is not going to be outstanding. Use that rating for the best presentations that stood out.*
- b. Very good (3) – the customer is happy and will not hesitate to pay for the product
- c. Needed Improvement (2) – the customer may not pay for your product, and it's unlikely they would hire you again
- d. Serious Problems (1) – the customer is unhappy, will not pay for your product, and gave your consulting business a terrible online review

## 9. Submission

Submit your PowerPoint presentation file to D2L. If you are submitting a Google Slide or Prezi, submit a URL I can open (please verify I can open it without a bunch of security headaches).

## Grading Rubric (Same for Teams of 1 and Teams of 2)

### 1. Preparedness – 15%

*Ready to go on time, your application is pre-compiled, presentation loaded, etc. Is everything ready to go and you smoothly moved from presentation to application, etc. without looking for files, opening emails, whatever.*

### 2. Presentation Quality – 30%

*Does your presentation look like you made it in 15 minutes? Does it look organized, thoughtful, and have interesting material? Does it help convince your “customer” they are getting a great product? Did you speak confidently?*

### 3. Application Demo – 40%

*Does your application demo show the customer they are getting what they wanted? Can you use your application? Did your application explode during the demo?*

### 4. Your Classmates Average Ratings – 5%

*I will compile your classmates’ response to your presentation. If your average is “Outstanding,” you will get 5%, plus a 5% bonus (so 10% total). If you get an average of “Very Good,” you will get the entire 5%. If your average is “Needed Improvement,” you will get 2.5%. If your average is “Serious Problems,” then you will get 0% for this part.*

*Please vote honestly – I will not reveal your ratings to your classmates. If everyone votes “Outstanding” for everyone, I will toss this out.*

5. Your Ratings – 5%

*Did you pay attention and rate your classmates? Were you present to do the ratings? If you miss a presentation day, your maximum score will be 2.5%.*

6. Submission – 5%

*Did you submit your PowerPoint file (not a PDF!) or Google Slide/Prezi URL before the deadline. Was I able to open it?*