Project Phase 2 is a continuation of Project Phase 1, as you probably know. As a result, the documentation for the project does not change, only the deliverables. If you don't still have the document, it's still on T-Square under the first phase for your review.

As you have probably guessed, this deliverable deals with the Design portion of the project. This means that the two sections of the lectures that include the string "Methodology III: Design" should give you a fair indication for the GTOnline project of the lectures what you will be asked to do for the ERMS project. In principle, this means that you need to submit the following things:

- A brief explanation of the changes made to your Phase I submission, if any. If you don't feel any are required, this will be the easiest portion of this deliverable, just say so. (We are aware that you don't have your grades back yet, and that there are only a few weeks to this phase of the project. Still, you will likely want to modify your Phase I deliverable somewhat once you have your results, and we're just asking you to summarize the change you made, although if you wish to also submit the updated versions, you won't be penalized for doing so.) Note, whether you made changes to your EER diagram or not, please do submit it again, it will make grading easier.
- The EER to Relational mapping. (25%)
- SQL Create Table statements to create your schema. (25%)
- The task designs with the portion of the abstract code that refers to the EER diagram replaced with the corresponding SQL that refers the relations above. (50%)

Essentially, anything Dr. Mark does in the lectures on Design for the GTOnline project you should do for your analysis and design of this project.

(Many of you will probably have noticed that the first bullet point does not have a percentage associated with it. That first bullet is important because it will make grading much easier by the TAs. So while it does not explicitly have a point value, if you make the job tougher for your grader, you may end up losing points because of it. This isn't intended as a threat, merely to indicate that the first bullet point is not optional, even though it does not have an explicit grading percentage with it.)

What To Submit:

As before, you are welcome to put these all in one file or in four separate files. All files submitted should be in PDF format. If you choose to use one file, please name it "team##_p2_report.pdf". If you submit individual files, please use these names (for the bullet points above in order):

- team##_p2_report.pdf
- team##_p2_eer2rel.pdf
- team##_p2_sql.pdf
- team##_p2_task.pdf

(Obviously, replace the ## with the number of your team, so if you are team 15, the files would be "team15_p2_report.pdf", "team15_p2_eer2rel.pdf", etc.)

How To Submit

1) As before, select one member to act as "team captain" for this phase of the project. THIS DOES NOT HAVE TO BE THE SAME PERSON AS LAST TIME.
2) The team captain will upload the file(s) to T-Square.
3) The rest of the team will submit a comment in the comment field that gives your Team number and the GT Username of the student who will be doing the submitting for your team. A lot of people missed this the first time around, the penalty may be much higher than the token 2 pts we deducted for failing last time around.

So if I was on Team99 and my team captain was "John Smith" and his GT username was "jsmith123", then John would submit the file(s) as requested (no comment needed), and I and the rest of my team would submit "Team99 jsmith123" in the comment field.

A note on Team Captain: If anyone on your team is considering dropping the class, PLEASE do not have them act as Team Captain, and here's why: If you drop the class, T-Square purges all record of you from our view. So if your Team Captain submits the files and then drops the class, we will not see a submission for your team, we will have to ask you to resubmit, and there will be a fairly hefty penalty for the late submission.

As before, the "team captain" doesn't need to mean anything more than "the student who submits". It doesn't change responsibilities or denote that someone is in charge, it won't change anyone's grade, and it needn't be the same person for each phase of the project.

How You Should Work:

To repeat from last time: The point of this course is to learn all phases of relational database development. As a result, we strongly prefer that teams work collaboratively, not dividedly. By which we mean you should not say "OK, I'll take the EER diagram, you go write the IFD, Steve can write up the Task Decomposition and Shirley can take the formatting and constraints." Rather, you should each work on all parts of the project, all reviewing, all having input, all fully understanding each part of the design.