

Progress Report for the CS3200 Project

For grading purposes we would like each group to submit a progress report of their project. This report will allow us to identify teams that may need extra support completing their project and is mandatory for receiving a grade on the project. We have allocated 10 points to this report. The progress report contains work that should already be completed for your project given the amount of time that has transpired since the proposals have been collected. It is a subset of the work for the final report of the project. It also reflects top level decisions that need to be made in the project design cycle.

Here is what we expect:

1. Please use the project proposal as your starting point for the progress report. This progress report is an evolution of the project proposal. Please update your project proposal to answer all questions posed in the proposal's feedback. (1 point)
2. An UML diagram of the database which you will be using for the project. This diagram should contain attributes, entities, relationships, multiplicity, and primary keys. You can use any diagramming tool you prefer. One that is freely available is <https://creately.com/>. You should plan on using this image during your class project presentation as well as in your final project write-up (where it will be graded more strictly and worth more points). (3 Points MySQL, 4 Points NoSQL).
3. An EER diagram converting the UML diagram to a relational schema. Please use the MySQL modeling tool. If you are using NoSQL you do not need to submit this. (1 point MySQL)
4. A brief step by step user interaction of your application. The description should list the steps a user would require to perform in order to use your application. A flow chart is sufficient. For students who know what an activity diagram is, please include an activity diagram **INSTEAD OF** the steps mentioned above. (3 Points)

If you wish to learn about activity diagram, here is one good link to read

http://www.sparxsystems.com/resources/uml2_tutorial/uml2_activitydiagram.html

Here is a link of an activity diagram for an order delivery system:

http://www.c-jump.com/CIS75/Week10/images/activity_process_order.png

5. A final decision on the technology used to create the project. Please include details such as toolkits, libraries, backend languages, front end languages (name and version), web technologies and database connectivity. Please make sure that you include the specifications in a separate section titled **Technical Specifications** within the progress report. If you included the specifications within your original proposal reiterate them here (cut and paste of the text is fine). (2 points)

Please create one document that contains all of the above listed deliverables. A zip file is not appropriate.