# Team Project Requirements

## There are four requirements;

1. ER and RM models that you have already turned in.
2. Database implementation, which you create tables for your RM with a DBMS software (MySQL or any other preferred software).
3. A web-based GUI which end users could simply work with your database application.
4. A report and a presentation; one report for each team suffices, while each team member must participate in the presentation explaining the parts he/she implemented.

Total points for the project is 100. Project grade might be different among team members depending on how much effort each team member put in.

## Database implementation and its web-based GUI

There are two options for hosting your database application:

1. Using the department server.
2. Using your own laptop (feel free to use any software or web development language).

**The simplest way to implement your project is using the department server:**

You can login to the server via this link: <https://student2.cs.appstate.edu/phpmyadmin>

On left side window you will see list of databases created for each team. Click on your team database and start creating your tables as you practiced through lab workouts.

For web GUI, create several PHP pages (based on requirements of your project), in the same way you did for lab workouts related to PHP. You can either create pages in your (or one of teammates) account, or create pages in the following path on the server related to your team. The goal is having a working implementation of the project, so wherever works better for your team.

section 101 team webspace:

Place to create/put files:

/usr/local/apache2/htdocs/u/classes/3430/191/101/teamX

View your website by going to this address:

http://student2.cs.appstate.edu/classes/3430/191/101/teamX/

section 102 team webspace

Place to create/put files:

/usr/local/apache2/htdocs/u/classes/3430/191/102/teamX

View your website by going to this address:

http://student2.cs.appstate.edu/classes/3430/191/102/teamX/

Create an index.html page which links to all pages you created and put introductory information for your project (see the first page of some similar websites to your project, to get some ideas).

## Factors that are important in the evaluation of projects:

* For database implementation section:

Number of tables, complexity of queries you run from web GUI, any constraints you applied and any other concepts you learned during the semester.

* For web GUI:

The professional appearance of your application, and ease of use for end users, administrative personnel or any other type of users you considered.

* For report and presentation:

The effort you put in the preparation of both the report and the slides. Your last slide should have a link to your web application and you need to demo how the application works.

* **Report is due on final exam day.**