**Project Phase 3 - Tasks** (System Development)

Keep all your work in the repo; do **not** submit anything on Canvas.

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| **Task 1 - Client Side** (Front End) |

•The development of the client side (front end) of the system should be (almost) completely done.

•In your Phase Three Presentation, the audience should see a live demo (during the presentation) of your user interface showing how the user will interact with the system.

•Remove the components that you are **not** planning to develop anymore from your UI.  Anything in your UI should be fully developed by the final deadline of the project.

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| **Task 2 - Server Side** (Back End) |

•The development of the server side (back end) of the system should have major progress.  The "main engine" of your system should be able to turn on and run.

•In your Phase Three Presentation, the audience should see a live demo (during the presentation) of turning on the server and connecting it with the client.  In other words, you need to show that when a request is sent from the client, the server can be noticed automatically, then react and response to the request automatically.  Your server will process the user's request and send the results back to the client side.

•You are **not** required to have every feature of the system completely implemented.  However, the major features should be implemented completely in this phase.

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| **Task 3 - Maintenance of the GitHub Project Repository** |

•Source code should be stored and well maintained in the GitHub project repository.

•Every developer should directly use GitHub to accomplish his/her development work.

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| **Good Example** | Every developer pulls the updates of the remote repo to his/her local repo, works on the development in the local repo, then commits and pushes his/her work to the remote repo. |
| **Bad Example** | A designated developer handles all the git issues.  Other developers work on the system development locally and send their code to the designated developer.  Then, the designated developer combines all other developers' code and commits and pushes the updated project to the remote repo one hour before the deadline. |

•Source code and documents should always be consistent in your GitHub project repository.  If during the development process, your code is no longer consistent with the documents (e.g., change of system architecture, adding/removing APIs, modified database queries), the developers need to let the project manager know and the team should update the documents in a timely manner.

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