

CSC309 Project: Phase 4 Description

Due: THU, Apr 3 at 11:59PM

1 Description

In Phase 4 you are asked to deliver one of the designated projects. Implementation of your detailed design is more heavily weighted, but you are expected to make changes to Phase 2 and Phase 3 reports, as well, making sure that it reflects the final reality of the project.

1.1 Implementation [80%]

Final implementation of your detailed level design. Proper implementation practices, including internal documentation of code, neat and consistent formatting, use of standardized naming conventions, etc., should be followed. Please see the marking scheme below for more details related to the evaluation.

1.2 Report [20%]

As in Phase 2 and Phase 3, you are asked to prepare a document containing a detailed specification for the software system and a more valid design for the software. Your report should include at least all the components of Phase 2 and Phase 3 report, but you are expected to update the relevant parts of the document with the new information (as needed). For example, it is common to realize during implementation that you overlooked a few things; perhaps your team has decided to rotate roles, to give people a chance to take responsibility for different parts of a project; perhaps things are not working the way you had planned and you want to try a different structure. If you did not submit one or more of these sections for Phase 2 this is the time to add it/them. In addition the new report should include a **“Summary of Changes”** component that should list all the major changes in the new report, in a bulleted format. As in Phase 2 and Phase 3, you may use a combination of text and diagrams for descriptive items in the list of deliverables. A maximum length of **25** pages apply for the report.

2 Deliverable

The deliverables for this phase are:

- Project’s report (PDF): Create a PDF file by the name **“tp-phase4.pdf”**. The report should be a revised version of the report **“tp-phase3.pdf”** that you submitted for Phase III (same sections). In addition, it should include:
 - In the first page, a URL that we can use to access your prototype (e.g., www.myproject.com). If you haven’t managed to register a third-party public domain, or host your service on

CDF or AWS and you currently have no public URL to report, you can report as a URL your localhost: e.g., `http://localhost:80/myproject/index.php`

- A “Summary of Changes” section that should list all the major changes in the revised report, in a bullet format.

- Project’s source Code (ZIP): Create a ZIP file by the name “**tp-phase4.zip**”.

Please submit both the **report** and **source code** on MarkUs.

3 Marking Scheme

The evaluation of your final project will be based on the following marking scheme.

- Documentation: / 20
 - Well organized
 - Provides a good explanation for the design decisions
 - If some features are missing the documentation explains how they should work
 - Clearly describes how to run and use the application
 - Carefully proofread and generally acceptable grammar
- Functionality: / 40
 - Satisfies the information representation of the report
 - Satisfies the feature and functionality specification of the report
 - * User Authentication
 - * User Profiling
 - * User Interactions
 - * Implicit Social Network
 - * Reputation System
 - * Administrative View
- Architecture (3-tier, MVC, etc.): / 10
 - Follows a good architecture
 - functionality is kept out of views
 - Good use is made of the database, hopefully through an ORM
- Ajax: / 10
 - Makes sensible use of some Ajax calls
 - Demonstrates understanding of how Ajax works
- Code Quality: / 10
 - The code must be reasonably well-organized, and easy to read

- This includes general code structure and comments
- Presentation: / 10
 - Is able to demonstrate the project
 - Explains the code reasonably well
 - Is able to answer questions about the code