This assignment is to be done individually. Write an essay on how you applied design and development principles to your senior design project. In particular, your essay must (1) describe the software design and development principles you used in your project and how you applied them; (2) your reflection on how effective these approaches were for your project; and (3) what changes/adaptations you would make to the approaches and/or to how you applied the approaches in future projects to improve the results. Design and development principles include approaches you used in code-level work (e.g., modularity, refactoring, separation of concerns, design patterns, test-driven development) all the way through user-interface work (e.g., requirements gathering, prototyping, usability testing, refinement based on feedback). Finally, (4) consider how changes to the complexity of your project’s application—such as a need for additional features or if the features required more complex solutions/coding—would have affected and/or suggested modifications to the software design and development principles you used.

Your essay must be typed using 11pt Times New Roman font with 1 inch margins, and address all the issues above. The paper will be assessed based on the quality and depth of your analysis, the quality of the writing (including typos and grammatical mistakes), and the amount of thought put into your arguments. Be sure to include your name and date on your essay and hand it in during class on the due date.