# CS 255 Module Two Assignment

For this assignment, I will be analyzing the functionality of the Canvas LMS. My wife is a Post-Grad at the School of Nursing at University of Colorado Anschutz, and she uses Canvas as her online learning platform.

## Functional Requirements

| **Functional Requirement** | **Rationale for Requirement** | **Source(s), APA format** |
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| Manage Courses | * The System should display all of the student user’s courses on the main page. * The system should have functionality for pinning or favoriting courses that the user wants to show on the front page |  |
| Order Course Materials | * System should provide access to the online bookstore where students can order their course materials |  |
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## Nonfunctional Requirements

| **Nonfunctional Requirement** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| Scalability. The System must scale for new users. |  |  |
| Security. Sso and https | * The system should have different levels of secure access, and should include the following user types: Student, Teacher, Administrator and Technical Support |  |
| Performance. | * The LMS should be capable of loading course data in 3000 ms or less. * Scheduled updates should occur in a method in which the system is available to users 24/7/365. |  |
| Usability in a web browser or a mobile application. |  |  |
| Functionality | * The system should back up data after every user session. * The system should function on all Operating systems, including Windows, MacOS and Linux. |  |
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## Assumptions

| **Assumption** | **Rationale for Requirement** | **Source(s), APA format** |
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## Limitations

| **Limitation** | **Rationale for Requirement** | **Source(s), APA format** |
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