# CS 255 Module Two Assignment Template

## Functional Requirements

| **Functional Requirement** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| Administrative Functions | Mandatory and a school feature | A, Anon. “A Guide to Functional Requirements (with Examples).” *Www.nuclino.com*, 6 Jan. 2023, www.nuclino.com/articles/functional-requirements. Accessed 9 Mar. 2023. |
| Grading System/Function | Necessary LMS feature | A, Anon. “A Guide to Functional Requirements (with Examples).” *Www.nuclino.com*, 6 Jan. 2023, www.nuclino.com/articles/functional-requirements. Accessed 9 Mar. 2023. |
| Assignment Portal | Necessary for students to submit their assignments. | A, Anon. “A Guide to Functional Requirements (with Examples).” *Www.nuclino.com*, 6 Jan. 2023, www.nuclino.com/articles/functional-requirements. Accessed 9 Mar. 2023.  ‌ |
| Course Portals | Necessary for students to be able to learn and get their assigned work. | A, Anon. “A Guide to Functional Requirements (with Examples).” *Www.nuclino.com*, 6 Jan. 2023, www.nuclino.com/articles/functional-requirements. Accessed 9 Mar. 2023.  ‌ |
| Course registration | Necessary for students to sign up for their next classes. | A, Anon. “A Guide to Functional Requirements (with Examples).” *Www.nuclino.com*, 6 Jan. 2023, www.nuclino.com/articles/functional-requirements. Accessed 9 Mar. 2023.  ‌ |
| Professor communication | Necessary for students to get feedback on their work to insure improvements. | A, Anon. “A Guide to Functional Requirements (with Examples).” *Www.nuclino.com*, 6 Jan. 2023, www.nuclino.com/articles/functional-requirements. Accessed 9 Mar. 2023. |

## Nonfunctional Requirements

| **Nonfunctional Requirement** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| Security | Important but does not impact the functionality for the product. | A, Anon. “Non-Functional Requirements: Types, Examples & Approaches.” *Visure Solutions*, 5 Spring 2021, visuresolutions.com/requirements-management-traceability-guide/non-functional-requirements#:~:text=Examples%20of%20Non%2Dfunctional%20Requirements. Accessed 9 Mar. 2023. |
| Availability | No direct impact of function of the product. | A, Anon. “Non-Functional Requirements: Types, Examples & Approaches.” *Visure Solutions*, 5 Spring 2021, visuresolutions.com/requirements-management-traceability-guide/non-functional-requirements#:~:text=Examples%20of%20Non%2Dfunctional%20Requirements. Accessed 9 Mar. 2023. |
| Maintenance | Also, no direct impact of the function of the product. | A, Anon. “Non-Functional Requirements: Types, Examples & Approaches.” *Visure Solutions*, 5 Spring 2021, visuresolutions.com/requirements-management-traceability-guide/non-functional-requirements#:~:text=Examples%20of%20Non%2Dfunctional%20Requirements. Accessed 9 Mar. 2023. |
| Tech Support | Not a necessary feature of a school LMS. | A, Anon. “Non-Functional Requirements: Types, Examples & Approaches.” *Visure Solutions*, 5 Spring 2021, visuresolutions.com/requirements-management-traceability-guide/non-functional-requirements#:~:text=Examples%20of%20Non%2Dfunctional%20Requirements. Accessed 9 Mar. 2023. |
| Performance | Has no direct impact on the learning capabilities of the LMS. | A, Anon. “Non-Functional Requirements: Types, Examples & Approaches.” *Visure Solutions*, 5 Spring 2021, visuresolutions.com/requirements-management-traceability-guide/non-functional-requirements#:~:text=Examples%20of%20Non%2Dfunctional%20Requirements. Accessed 9 Mar. 2023. |
| Compliance | Important to follow laws but not a necessary learning feature for a LMS. | A, Anon. “Non-Functional Requirements: Types, Examples & Approaches.” *Visure Solutions*, 5 Spring 2021, visuresolutions.com/requirements-management-traceability-guide/non-functional-requirements#:~:text=Examples%20of%20Non%2Dfunctional%20Requirements. Accessed 9 Mar. 2023. |

## Assumptions

| **Assumption** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| All our equipment to development the project is in good condition. | Having functioning equipment is crucial to develop a product | Usmani, Fahad. “Assumptions and Constraints in Project Management – PM Study Circle.” *PM Study Circle*, 2 Sept. 2021, pmstudycircle.com/assumptions-and-constraints-in-project-management/. Accessed 9 Mar. 2023.  ‌ |
| All team members will have the necessary skills to implement every aspect of the project | Having team members that have all the required skills to implement the project is important for everything to run and process smoothly. | Usmani, Fahad. “Assumptions and Constraints in Project Management – PM Study Circle.” *PM Study Circle*, 2 Sept. 2021, pmstudycircle.com/assumptions-and-constraints-in-project-management/. Accessed 9 Mar. 2023.  ‌ |

## Limitations

| **Limitation** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| Budget | We do not necessarily know not much everything will cost | Usmani, Fahad. “Assumptions and Constraints in Project Management – PM Study Circle.” *PM Study Circle*, 2 Sept. 2021, pmstudycircle.com/assumptions-and-constraints-in-project-management/. Accessed 9 Mar. 2023.  ‌ |
| Time Management | Depending on which approach we take to implement to project (Scrum or Waterfall) we do not know how long it will take to complete the project | Usmani, Fahad. “Assumptions and Constraints in Project Management – PM Study Circle.” *PM Study Circle*, 2 Sept. 2021, pmstudycircle.com/assumptions-and-constraints-in-project-management/. Accessed 9 Mar. 2023.  ‌ |

