# CS 255 Module Two Assignment Template

## Functional Requirements

| **Functional Requirement** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| The system shall provide the user the ability to sign in and sign out of the system. | In Brightspace we are required to sign in with our email and password every time we need to access our courses and content. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| The system shall have multiple registration criteria, and authorized users can register other users. | In the registration process, a student is assigned an ID and an email, these are provided by the registration dept in the college | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| The system shall present student with the ability to print reports, templates, syllabuses and other media available. | In Brightspace, we have the ability to download the content of a course by clicking on the download button. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| The system shall preview the student courses that are current to the term registered in. | In Brightspace, we view our courses from the current and previous terms. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| The system shall show the student’s grade in a table form. | The grades for each course in Brightspace are presented in a table that is well organized and clear. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| The system shall provide the user to type in posts and share them with fellow colleagues in a class | In Brightspace we have the ability to discuss topics in the discussion section of each course. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |

## Nonfunctional Requirements

| **Nonfunctional Requirement** | **Rationale for Requirement** | **Source(s), APA format** |
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| The system shall be accessed by a web page. | In Brightspace we access the portal through the web browser | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| The system should be integrated the database to preview courses and materials | In Brightspace we notice that the system is fetching data from the web, and previewing it in a good presentation | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| The system shall determine the user signed in role. ( Student, Teacher, Admin, Supervisor) | The System should know how to act based on the user logged in, if a teacher is logged in they must have more accessibility than a student | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| They system shall present user with their progress in a course as well in the whole term. | In Brightspace we can track our progress in each course as well in the whole term. It gives us an idea where we’re at and how long is left for us to finish. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| The system shall allow the user when is the system loading and fetching data. | In Brightspace sometimes due to low internet speed and connection, the system present a loading icon for us to know that the system is working on getting us the information for a specific page. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| The system should be up to date with the posts and replies in the discussion section and the provide a notification to the user when an update happens | When posting grades or receiving replies on a post that we share, the system marks our notification with an orange dot that represent that we have an update. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |

## Assumptions

| **Assumption** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| Students, Teachers, Support team, and the advisors can access the system. | In Brightspace, I have interacted with my teacher, and the support team. Which made me believe that they are using the system. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| A student has internet connection | In Brightspace we assumed that all students online have internet connection. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |

## Limitations

| **Limitation** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| We cannot supervise the student physically when taking an online quiz. | When taking a quiz online, it is just the user and the computer in front of them. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |
| We cannot be sure that the user is not sharing his password online. | The system cannot identify if the user registered legally in the system is the one logged in to the system. | Jad Alrehaoui, 2022, Brightspace Analysis, Class Notes |