# CS 255 Module Two Assignment Template

## Functional Requirements

| **Functional Requirement** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| The system should determine user information from desire institution. | There are millions of students/instructors trying to log in the system using their institution domain, so the system should be able to determine which institution they want to enter. | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| The system should ask username and password. | Login using school credentials | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| The system should be available to all the users. | Students, instructors, and technical staff should have access to the system. | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| The system should give ability to students to see other students name but cannot be able to change. | Users can see other students post like discussion but will not be able to modify it. | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| The system should give access to the administration or managing authority. | Whenever a user stuck somewhere, the technical staff should have the authority to set up user account. | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| The system should have the ability to keep the record of student profile. | If a user is readmitting or came after a break, the system should have their information. | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |

## Nonfunctional Requirements

| **Nonfunctional Requirement** | **Rationale for Requirement** | **Source(s), APA format** |
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| The system should be able to work in app and website. | Users should have access to the system in both from app and website. | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| The app should be able to download in both play stores. | “Brightspace Portfolio and Brightspace Pulse are available for download from any global Google Play™ store or Apple App Store®” (Source) | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| The system should be able to report issues. | The system automatically report its issues to developers. | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| The system should be available to all users 24/7. | Everyone around the world have different time zones, the system should be able to run 24/7. | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| The system should be compatible to mobile devices like google or safari. |  | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| The system should be able to keep track of user’s work. | The user should be able to see what his/her reports look alike. | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |

## Assumptions

| **Assumption** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| New features addition. | “Features included in this information are available and hosted in all geographic regions D2L supports unless otherwise noted in the feature’s Technical Details section”. (Source) | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |
| Apps should be updated automatically. | “Depending on how your device is configured, the apps may update automatically, or you may have to manually check for new versions”. (Source) | D2L. *Brightspace Community*, community.brightspace.com/s/article/Brightspace-Platform-July-2021-20-21-7-Release-Notes. |

## Limitations

| **Limitation** | **Rationale for Requirement** | **Source(s), APA format** |
| --- | --- | --- |
| 24/7 services | What will be best time to update it? |  |
| Depending on the features, the system should tell the difference between users and allow them to access differently. |  |  |