**NUS LOGO (Format to be specified)**

**Project Title:**

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| --- | --- | --- | --- |
| **S/No.** | **Admin No.** | **Name** | **Signature** |
| 1 |  | Koo Sheng Kiat |  |
| 2 |  | Gong ShengLiang |  |
| 3 |  | CHENG Hao |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |

**Declaration of Originality**

By submitting this work, we declare that

* We are the originator(s) of this work.
* We have appropriately acknowledged all other original sources used in this work.
* We understand that Plagiarism is the act of taking and using the whole or any part of another person’s work and presenting it as our own without proper acknowledgement.
* We understand that Plagiarism is an offence and if we are found to have committed the offence of plagiarism in relation to this submitted work, disciplinary action will be enforced.

**Identify & list down the possible problem/issues from the problem scenario.**

**(E.g. Areas of improvements. State the facts about the problem presented to you.)**

**List down the system features/functionality that you can implement to fulfil the customer requirements.**

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| **Feature** | **Justification** |
| Admin / instructor login  **Assign to:** | 1. **Validate user ID and password** 2. **Check user group** |
| Admin manage instructor account  **Assign to:** | 1. **Admin is able to view, edit, delete instructor account** 2. **Admin is able to tag instructor to course** 3. **Instructor is able to view his/her own profile** |
| Admin manage student  **Assign to:** | 1. **Admin is able to create, edit, delete, view student account** 2. **Admin is able to tag students to courses** |
| Instructor manage quiz  **Assign to:** | 1. **Instructor is able to create, edit, delete, view quiz** 2. **Instructor is able to tag quiz to course that he/she is tagged to** 3. **Instructor is able to start and stop a quiz** |
| Instructor manage forum  **Assign to:** | 1. **Instructor is able to create, edit, delete, view forum threat** 2. **Instructor is able to tag forum threat to course that he/she is tagged to** 3. **Instructor is able to start and stop a forum threat** |
| Admin manage course | 1. **Admin is able to create, edit, delete course** |
| Instructor manage video and slides files |  |
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| **Feature** | **Justification** |
| **Assign to:** |  |
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| **Assign to:** |  |

**What are the possible learning issues anticipated from the features/functionalities identified?**

**Challenges: signalR, MVC, entity framework, bootstrap, jquery, repository pattern. Azure**

Assumptions

1. There is only one active quiz for one course at one time
2. There is only one admin account, managed by data patching