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| Use case identification and history. | | | |  |
| Use-case ID | ManageAcademicCourse01 | | | |
| Use-case name | Manage Academic course | Version number: | | 1 |
| Brief description | This use case enables the actor (Admin) to manage a list of courses efficiently within the program advisory tool. It enables the admin to modify, delete, or create a specific course. | | | |
| Created by | Victor Chua Jia Zhi | | Date: | 05/11/2023 |
| Primary actor: | Actor (Admin) | | | |
| Secondary actor: | NIL | | | |
| Include Use-case | NIL | | | |
| Extend Use-case | NIL | | | |

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| Pre-conditions |
| 1. The actor must be an admin. 2. The actor must have a valid account to access. |
| Post-conditions |
| 1. The user can successfully manage a specific course. |

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| Main flow | |
| Admin | System |
| 1. The actor selects the “Manage academic course” | 1. The system displays a list of courses. |
|  | 1. Display a list of options: 2. Add 3. Edit 4. Delete |
| 1. The actor selects “Add.” | 1. Display a panel and textboxes that accept the actor input. |
| 1. The actor inputs data into the respective text boxes. | 1. Display input made by the actor |
| 1. The actor selects “Validate.” | 1. Validate the actor input. |
|  | 1. Prompt the actor to proceed. |
| 1. The actor selects “proceed.” | 1. Save the new addition. |
|  | 1. Display the newly added course along with the list of courses. |

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| Alternate Flow |
| **4(b)**. The actor selects a course to “Edit.”  4(b).1 The System allows the respective choices to be editable.  4(b).2 The actor edits the course.  4(b).3 The system displays the changes made by the actor  4(b).4 The actor clicks on “Save.”  4(b).5 The System prompts a confirmation with the actor.  4(b).6 The actor selects “Proceed”.  4(b).7 The system saves the changes made by the actor.  **4(c)**. The actor selects a course to “Delete.”  4(c).1 The system prompts the actor for confirmation  4(c).2 The actor selects “Proceed.”  4(c).3 The system deletes the chosen course  4(c).4 The system saves the changes.  **9.** The system validates and identifies that the data given by the actor is invalid.  9.1 The system highlights the textbox where the invalid data was given.  9.2 The system displays information about what data structure is accepted.  9.3 Revert back to main flow step 6. |