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| Use case identification and history. | | | |  |
| Use-case ID | manageacademicprogram01 | | | |
| Use-case name | Manage academic program (Abstract use case) | Version number: | | 1 |
| Brief description | This use case enables the actor (Admin) to manage the list of programs efficiently within the program advisory tool. It enables the admin to modify, create, or delete a specific program associated with the different degree types, which include: “Manage Master degree,” “Manage Bachelor degree,” or “Manage Bachelor degree with honours.” | | | |
| 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. 3. The actor must be logged in. |
| Post-conditions |
| 1. The actor can successfully manage the academic program |

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| Main flow | |
| Admin | System |
| 1. The actor selects the “Manage academic program” | 1. The system displays a list of programs. |
|  | 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 for confirmation |
| 1. The actor selects “proceed.” | 1. Save the new addition. |
|  | 1. Display the newly added program along with the list of programs |

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| Alternate Flow |
| **4(b)**. The actor selects a program to “Edit.”  4(b).1 The System allows the respective choices to be editable.  4(b).2 The actor edits the program.  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 program 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 program  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. |