**Project Description: Use Cases and Sequence Diagram**

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**\*\* Create To-Do:**

***Actors:***  *Student, To-do List System****Description:*** *A student may add a task to the database maintained by the Task Monitor. The task added could be related to academic assignments, extracurricular activities, or any other relevant tasks****Data****: Task details (title, description, due date, priority level)****Stimulus:*** *User input from the student indicating the task to be added****Response****: The task appears on the to-do list. A confirmation pop-up indicates a successful addition of the task to the database.****Comments:*** *The student should have permission to add tasks to the database. The Task Monitor should ensure the integrity and organization of the database, in order to manage tasks efficiently.*

**\*\* Mark To-Do as Complete:**

***Actors****:* *Student, To-do List System*

***Description:*** *A student wants to check off a task they have scheduled and completed from the to-do list*

***Data:*** *Student’s tasks list and tasks information*

***Stimulus***: *User input from the student wanting to mark off their task*

***Response****:* *The task is grayed/marked out of the tasks list*

***Comments:*** *The student should have permission to mark off their own task from their list, as long as they are logged into their personal account. The Task Monitor should only allow a user to see and manage tasks that belong to them and are under their login credentials.*