STORY #5 – Use Case Brief

- **Use Case Name:** Enter Class Composition
- **Scope:** Web Application
- **Level:** User-Goal level
- **Intention in context:** The Administrative Officer wants to assign a set of Students into a single class.
- **Primary Actor:** Administrative Officer
- **Secondary Actor:** DB
- **Stakeholders' interests:**
  - The Administrative Officer wants to enter the class composition following the instructions given by the Principal.
  - The Teacher of that class wants it to be defined clearly and properly.
  - The Stakeholder wants to define classes as fast as possible.
- **Preconditions**:
  - The Principal must have previously sent to the Administrative Officer the list of students he wants to assign to that class.
  - The class must already exist and have no Students assigned to it.
  - Each of the chosen Students must not have been already assigned to another Class.
- **Minimum Guarantees:** /
- **Success Guarantees:** The Class is formed and displayed to the Administrative Officer.
- **Trigger:** /
- **Main Success Scenario:**
  1. The Administrative Officer
     - Logs in
     - Selects a Class and asks the System to show its current composition.
  2. The System displays it, along with a list of all Students who haven't been assigned to a class yet.

3. The Administrative Officer
   - Selects all chosen Students from the list
   - Tells the System to add them to the Class.
4. The System displays the soon-to-be new composition of the class, asking for confirmation.
5. The Administrative Officer confirms.
6. The System
   - Updates the composition of that Class on the DB.
   - Notifies the Administrative Officer the operation was successful.

The Use Case terminates with success.

- **Extensions:**

  2a. There are no more Students available without a Class assigned to them: The System shows a "No More Students Available" message; the case ends in failure.

  3a. The Administrative Officer selects a number of Students higher than the maximum limit imposed previously:
  3b. The Administrative Officer doesn't select any Student: The System shows a Warning, so the Administrative Officer is able to fix his previous choice; the case goes back to Step #3.

  5a. The Administrative Officer cancels:
  5b. The Administrative Officer doesn't confirm before his login session expires: The System aborts the operation; the case ends in failure.

  6a. The System is unable to update the composition on the DB: The System shows an Error Message; the case ends in failure;