

QUESTION 2: USE CASE SPECIFICATION

USE CASE: NUMBER 1

USE CASE: Submit

ACTOR: Learner

PRECONDITIONS: Learner is logged in

POSTCONDITIONS: Submitted key words will reflect on the learner's profile against assignment 5.

BASIC FLOW:

- The learner clicks the start button
- The learner clicks the finish button when done
- The learner clicks submit button when done.
- The system sends OTP numbers to the learner's email address.
- Learner submits the assessment when OTP has been verified by the system.
- System updates the submission status to submitted

ALTERNATIVE FLOWS:

- Expired OTP will be discarded
- Late submissions won't be accepted

USE CASE: NUMBER 2

USE CASE: Edit assessment

ACTOR: Learner

PRECONDITIONS: Learner is logged in

POSTCONDITIONS: The assessment has been updated.

BASIC FLOW:

- The learner edits his or her work during the assessment time
- After submission the learner can edit only if the edit status shows up.

- The edited flag pops up.

ALTERNATIVE FLOWS:

- Expired OTP will be discarded

USE CASE: NUMBER 3

USE CASE: Upload assessment

ACTOR: Educator

PRECONDITIONS: Educator is logged in

POSTCONDITIONS: The assessment is the availability of the system - **available.**

BASIC FLOW:

- Educator uploads assessments on the assessment dashboards
- Learners will be notified via emails and classroom notices.

ALTERNATIVE FLOWS:

- Errors on the assessments could for extension for submission

USE CASE: NUMBER 4

USE CASE: Mark Allocation

ACTOR: Educator

PRECONDITIONS: Educator is logged in

POSTCONDITIONS: The mark scored will be captured on the system.

BASIC FLOW:

- Educator uploads assessments on the assessment dashboards
- Learners will be notified via emails and classroom notices.

ALTERNATIVE FLOWS:

- Errors on the assessments could for extension for submission

USE CASE: NUMBER 5**USE CASE: REPORTS GENERATION****ACTOR: Educator****PRECONDITIONS:** Educator is logged in**POSTCONDITIONS:** Reports created, and the system creates records on reports**BASIC FLOW:**

- Educator creates a formular based on the criteria of the reports e.g. highest to lowest marks, averages or 10 learners.
- Educator creates as man reports as he can based on the criteria he wants.
- Educator could push the reports on the dashboard

ALTERNATIVE FLOWS:

- Reports could get corrupted.

USE CASE: NUMBER 6**USE CASE: Checking Assignments Marks****ACTOR: Learner****PRECONDITIONS:** Learner is logged in**POSTCONDITIONS:** System updates assessment as marked**BASIC FLOW:**

- Learner logs onto the assessments dashboard via the OTP to access the the mark(s).
- The system updates the status of visited.
- Learner has an option to print the results or share the results.
- Educators could push the reports on the dashboard.

ALTERNATIVE FLOWS:

USE CASE: NUMBER 7

USE CASE: Delete dormant users

ACTOR: **System** administrator

PRECONDITIONS: System administrator is logged in

POSTCONDITIONS: System will be updated on numbers of users on the system.

BASIC FLOW:

- The System administrator checks dates
- If dormant users are verified, permanent delete will process.
- The database will be updated.

ALTERNATIVE FLOWS:**USE CASE: NUMBER 8**

USE CASE: System Updates

ACTOR: **Software** Developer

PRECONDITIONS: The software developer is logged into as an administrator

POSTCONDITIONS: Outdated APIs and broken snippets updated

BASIC FLOW:

- The software developer locks the interface during off pick
- Fix bugs & updates
- Run tests
- Documentation must be done.

ALTERNATIVE FLOWS:

There may be complications during updates

