*-- UC Show list exam*

**BEGIN MAINPROGRAM "Show list exam"**

Display entry menu as "Manage Exam",,...

IF Admin click menu "Manage Exam" THEN

Display "Show list exam" page;

ENDIF

**END MAINPROGRAM "Show list exam"**

*-- UC Search exam*

**PROGRAM SearchExam**

Input: NameExam

BEGIN

Display entry field NameExam

Enter NameExam from keyboard to enter search box

Admin Action "Enter"

Call checkNameExam(String NameExam)

IF(Result = true)

Display Information NameExam

ELSE IF Thenhen

Display All ListExam

ENDIF

**END PROGRAM**

*-- Sort Exam*

**PROGRAM SortExam**

Input: NameExam and Among

BEGIN

IF Admin "Click" NameExamThen

Call sortExamByName(String NameExam)

IF(Result = true)

Display ListExam After Sort

ELSE IF then

Display All ListExam

ENDIF

IF Admin "Click" Among Then

Call sortExamByAmong(int among)

IF(Result = true) then

Display ListExam After Sort

ELSE IF then

Display All ListExam

ENDIF

**END PROGRAM**

*-- UC Show exam detail*

**BEGIN MAINPROGRAM “Detail Exam”**

IF Admin click link “Exam title” THEN

Display “Detail Exam View” page;

ENDIF

**END MAINPROGRAM “Detail Exam;**

-- UC Export File xlsx Exam

**BEGIN MAINPROGRAM “Export File xlsx Detail Exam”**

IF Admin click button “Export” THEN

Download to file xlsx Detail Exam ;

ENDIF

**END MAINPROGRAM “Export File xlsx Detail Exam”;**

--UC Create Exam

**BEGIN MAINPROGRAM "Create Exam"**

Display "Show list exam" page;

IF Admin click button "Create Exam" THEN

Display form "Create Exam" has fields "Exam id","Title", "Duration", "Category id","Note","Status",

"Is enable", "Number of question","Create at","Create by" ;

Get "Title", "Duration", "Note", "Is enable", "Number of question","Create by" from keyboard;

IF Admin click button "Submit" THEN

IF all fields "Title", "Duration", "Note", "Is enable", "Number of question","Create by" is valid THEN

Call createExam(Exam);

Back display "Show list exam" page;

ELSE one of fields "Title", "Duration", "Note", "Is enable", "Number of question","Create by" is invalid THEN

Display notification information invalid request Admin to re-enter;

ENDIF

ELSE Admin click button "Reset" THEN

Display form "Create Exam";

ENDIF

ENDIF

**END MAINPROGRAM "Create Exam" ;**

-- Update Common of Exam

**BEGIN MAINPROGRAM "Update Common Exam"**

Display "Update exam" page;

IF Admin click button "Update common exam" THEN

Display data in form "Update common exam" has fields "Exam id","Title", "Duration", "Category id","Note","Status", "Is enable", "Number of question" ;

Get "Title", "Duration", "Note", "Is enable", "Number of question" from keyboard;

IF Admin click button "Submit" THEN

IF all fields "Title", "Duration", "Note", "Is enable", "Number of question","Create by" is valid THEN

Call updateCommon(Exam);

Back display "Update exam" page;

ELSE one of fields "Title", "Duration", "Note", "Is enable", "Number of question" is invalid THEN

Display notification information invalid request Admin to re-enter;

ENDIF

ELSE Admin click button "Reset" THEN

Display form "Update Common Exam";

ENDIF

ENDIF

**END MAINPROGRAM "Update Common Exam" ;**

-- Public Exam

**BEGIN MAINPROGRAM "Public Exam"**

Display "Update exam" page;

IF Admin click button "public exam" THEN

Display modal confirm public exam question.

IF Admin click button "confirm" THEN

Call approveExam(Exam);

Back display "Update exam" page;

ELSE Admin click button "Cancel" THEN

Display form "Update Exam";

ENDIF

ENDIF

**END MAINPROGRAM "Public Exam" ;**

-- Update Common of Exam

**BEGIN MAINPROGRAM "Update Content Exam"**

Display "Update exam" page;

IF Admin click button "Update content exam" THEN

Display questions of exam has in list view "Exam Question";

Select/ deselect element of list view;

Click button move left, move right to move element between two list view ‘Exam Question’ and ‘Question’;

IF Admin click button "Submit" THEN

Call updateExamQuestion(ExamQuestion[]);

Back display "Update exam" page;

ENDIF

ENDIF

**END MAINPROGRAM "Update Common Exam" ;**