1.1   Section A = MIS Reports [20]

[Use Task 2 Document – Preparing for the MIS Reports to complete this section of Assignment 3.

Task_2.docx

For purposes required by the Examination Department, the following MIS Reports must be presented in your systems dashboard:

One Daily MIS report

One Weekly MIS reports

At least two more MIS reports

Also refer to "19. 10. System | MIS Reporting: Dashboard" on the myModules 2022 Module Site.

For each of these MIS reports you have to do the following:
- ∂   In your own words, describe the reason for this MIS report.
- ∂   Create the query (the SQL).
     The query should be specific and the names of the tables that you use, columns, joints (PKs, FKs) etc. should be clear and precise.
- ∂   Run the query to get an output.
- ∂   You need to provide the marker with each of these queries as well as screen dumps of the output (both the actual data and should you use graphics a screen dump of the graphic as well).

     Again, remember, a report is NOT a looooong list of data.

1.1.1 Create the Daily MIS report (5)

<u>Reason</u>
[Add your answer here ...]

<u>Query</u>
[Add your answer here ...]

<u>Screen dumps</u>
[Add your answer here ...]

1.1.2 Create the Weekly MIS report (5)

<u>Reason</u>
[Add your answer here ...]

<u>Query</u>
[Add your answer here ...]

<u>Screen dumps</u>
[Add your answer here ...]

1.1.3

1.1.4

1.2 Section B = Graphical User Interfaces [20]

It is now time to start with the "coding" and create the front-end Graphical User Interfaces (GUI).

1. Create a Graphical User Interface for the student, lecturer and exam department (staff member) to login to the system.
2. When you are done, make a screen dump of the interface, and also provide the code for the GUI.

1.2.1   Student login GUI (7)
Creating the Graphical User Interfaces for the Student Login
Screen dumps
[Add your answer here …]

Code
[Add your answer here …]

1.2.2   Lecturer login GUI (7)
Creating the Graphical User Interfaces for the Lecturer Login
Screen dumps
[Add your answer here …]

Code
[Add your answer here …]

1.2.3   Exam Department (Staff member) login GUI (6)
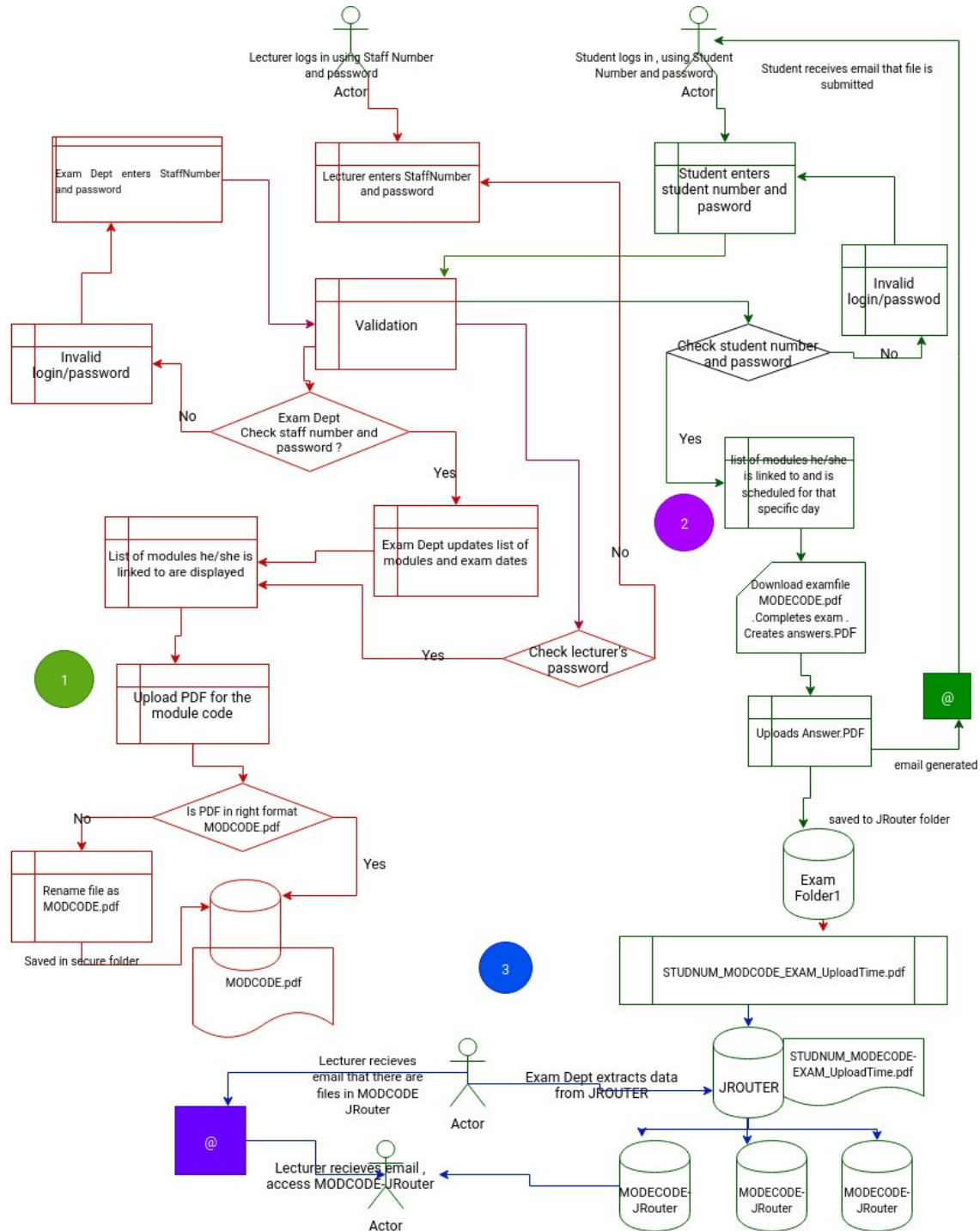**Creating the Graphical User Interfaces for the Exam Department (Staff member) Login**
Screen dumps
[Add your answer here …]

Code
[Add your answer here …]

2   Activity diagram

ERD

ExamOutput

TransactionID varchar(13) PK
StartTime (Time)
UploadTime (Time)
AnswersPaperPDF varchar(150)
StudentNumber varchar(8)FK
ModuleCode varchar(7) FK

StudentModule

StudentNumber varchar(8) PK
ModuleCode varchar(7) PK

StudentInfo

StudentNumber varchar(8)PK
StudentName varchar(150)
StudentEmail varchar(150)
StudentPassword varchar(150)

ModuleInfo

ModuleCode varchar (7) (PK)
Description varchar(100)

ModuleLeader

StaffNumber varchar(10) PK
ModuleCode varchar(7) PK

ExamSetup

ModuleCode varchar(7) FK
DateExam (Date)
ExamPaperPDF varchar(150)

StaffInfo

StaffNumber varchar (10)PK
StaffPassword varchar(150)
Name varchar(150)
Email varchar(200)