

# **EXAM PAPER GENERATION SYSTEM - EGS**

## **System Proposal & Requirements**

## **System Modules**

1. Master Module
2. Subject
3. Question
4. Question Paper Designer
5. Assign Questions to Paper
6. Question Paper Formatter
7. Header Designer
8. Footer Designer

### **1. Master Module**

Subject [ SubID, Name, SubjectCode, SubjectShort ]

Class [ ClassId, Name, Section, Level]

All relevant Reports

### **2. Subject**

2.1 Syllabus [ SubId, Unit, SubUnit, Content ]

2.2 Syllabus-Class [ ClassId, Unit, Subunit ]

### **3. Question**

3.1 QuestionType [ TypeId, TypeCode, QuestionType ]

#### **3.1.1 Question Type**

##### 1. Activity

- a. Fill in the blank ( FIB)
- b. True or False ( TOF)
- c. Match ( MAT)
- d. Table (TAB)
- f. Label Image ( LAI)

##### 2. Structured Essay

###### a. Data

###### With Image

Image on Left

Image on Right

Image on Below

Image on Above

## 1. Master Module

Subject [ SubID, Name, SubjectCode, SubjectShort ]

Class [ ClassId, Name, Section, Level]

All relevant Reports

## 2. Subject

2.1 Syllabus [ SubId, Unit, SubUnit, Content ]

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#### 2. Structured Essay

##### a. Data

##### With Image

Image on Left

Image on Right

Image on Below

Image on Above

##### Without Image

##### b. Question

## **2. Subject**

2.1 Syllabus [ SubId, Unit, SubUnit, Content ]

2.2 Syllabus-Class [ ClassId, Unit, Subunit ]

## **3. Question**

3.1 QuestionType [ TypeId, TypeCode, QuestionType ]

### **3.1.1 Question Type**

#### 1. Activity

- a. Fill in the blank ( FIB)
- b. True or False ( TOF)
- c. Match ( MAT)
- d. Table (TAB)
- f. Label Image ( LAI)

#### 2. Structured Essay

##### a. Data

##### With Image

Image on Left

Image on Right

Image on Below

Image on Above

##### Without Image

##### b. Question

### 3. Question

3.1 QuestionType [ TypeId, TypeCode, QuestionType ]

#### 3.1.1 Question Type

##### 1. Activity

- a. Fill in the blank ( FIB)
- b. True or False ( TOF)
- c. Match ( MAT)
- d. Table (TAB)
- f. Label Image ( LAI)

##### 2. Structured Essay

###### a. Data

###### With Image

Image on Left

Image on Right

Image on Below

Image on Above

###### Without Image

###### b. Question

3. Essay

a. Data

With Image

Image on Left

Image on Right

Image on Below

Image on Above

Without Image

b. Question

4. MCQ

QuestionPart

WithImage

WithoutImage

Alternatives Part

Two Alternatives

Three Alternatives

Four Alternatives

Five Alternatives

3.2 Question

[ Id, Question, Subject, Type, Unit, SubUnit, level (Hard/Medium/Low),Answer]

#### 4. Question Paper Designer

QuestionPaperDesigner [ Id, Type, Part, NoOfQuestions,Hours,Header,Footer]  
Type [ Single / Set ]

## **5. AssignQuestionToPaper**

Search Papers from Designer

Search Questions by type, grade, Subject, Unit and Subunit

Select Question

View Paper

## **6. Question Paper Formatter**

Font Size

Font Selector

Line Space

Scheme