**Pupil Academic Monitoring System (PAMS)**

Overview

The proposed software MUST be compatible to computer running on Windows SSOE Compliance supporting up to 64-bit. All data should be stored in local machine and not expose to Internet.

The proposed software should serve as a tool for school to analyze and monitor the students’ results which are downloaded from School Cockpit System and IES. The results should include CAs, SAs, GCE ‘O’ Level and GCE ‘N’ Level.

The software should also enable the school to set Targets by subjects for every student based on PRISM Data and students’ previous year performance.

Outlines

1. Convert data
   1. School Cockpit System (Text and CSV Files) Internal Exam Results
   2. IExam (Text File) GCE Results
2. Set Target
   1. Able to set target based on PRISM Data and Previous Year Results
3. Banding and Grouping
   1. Group Students based on DSA, Scholars etc
   2. Band Students by Subjects based on Previous Year Results
   3. Allocate Teacher to Class/Subject categories
4. Reports
   1. Individual Pupil Profile
      1. Target Grade for each subject
      2. Track Subject Performances
   2. Analysis by Class, Subject, Level, Band, Group, Teacher etc
      1. Overview (Grade Distribution, Ave, Max, Min, SD, MSG)
      2. Percentile from 0% to 100% at 10% interval
      3. Subject Mark List with Grade Distribution, Ave, MSG, Position etc
      4. Listing with different criteria such as Average Scores, Number of Subject Passes, MSG
      5. Top performing Pupils by Subjects
      6. Pupils who Fail in Subjects
      7. Subject Ranking Summary List
      8. Pupils who do not meet Targets
      9. Expected Performance List
      10. Expected Performance Analysis
   3. Individual Pupil profile
      1. Expected Performance Analysis
   4. Cohort Tracking and Trends
      1. Track Performance by Class and Pupil
      2. Comparison of Results over the years (e.g. CAs, SAs)
      3. Correlation between School Exam and GCE
      4. Comparison of Analysis across different years
5. Utilities
   1. Password Access and Control
   2. Backup and Restore Data

Others

Vendor should provide quotation for the above and state any terms and conditions such as warranty period, onsite services and training. In addition, vendor should also state the maintenance/upgrade fees to be incurred after the warranty period.