APP TO MANAGE GRADING OF A SCHOOL

- It greatly enhances staff throughput in the production of the end-of-term academic reports.
- Staff just put in the marks/scores, and the app does the rest smoothly:
- it ranks the pupils from first to last in a class. 1st, 2nd, depending on total score.
- It creates the reports in PDF format.
- It takes minutes to rank and create the reports

THREE FLAVORS OF THE APP

- There are three flavors of the application.
- I Fully online where every action takes place online.
- II Offline one desktop PC, where everything takes place on one desktop or laptop offline.
- III offline several desktop PCs. In this case there are several desktops interconnected via local WIFI and several teachers can enter data simultaneously.
- This demo is for the online version. Demos for other versions are available upon request.

INTERNET & DATA USAGE

- The online version uses internet data.
- Can work seamlessly with many users, and with desktop computers and mobile phones
- The other two versions do not need an internet connection.
- A school uses the version that suites its infrastructure and its resource basket in an optimum.
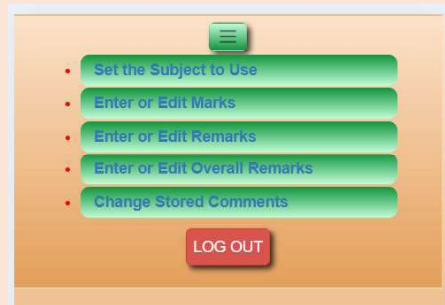
WORKS ON DESKTOP and MOBILE

THIS IS A GENERAL DESIGN

- This is a prototype. Intended to demonstrate proof of concept.
- For an interested school, the design is modified by the app developer to exactly fit the requirements of the school
- The app would run off a online server, on a dedicated URL, such as www.abcde123.com
- The developer manages the backend of the app. The teacher logs in to use the app.

WHICH SCHOOLS CAN USE APP?

- Can work for both SECONDARY and PRIMARY schools, or for [any and all] school systems for that matter
- Because it is modified to perfectly fit the setup of a school or academic institution
- Would be redesigned to cater for subjects offered by the school. Such as French or Music, Dance, Drama

SAMPLE SCREEN OF APP

- Set the Subject to Use
- Enter or Edit Marks
- Enter or Edit Remarks
- Enter or Edit Overall Remarks
- Change Stored Comments

LOG OUT

HOW APP WORKS - 1

- The teachers goes online, and logs into the system with a username and password
- The teacher chooses a subject to work on.
- The teacher then inputs the scores from the school exams. i.e. the teacher or her designate enters the marks: 77 or 90 as a score for Tina.

HOW APP WORKS - II

- The teacher also enters the text comment on each subject for each pupil: such as *"Daisy needs to pull up her socks"*
- At any time, the teacher can copy the pupil name and therefore use more personalized comments.

ARINDA, Daisy	PUPIL NAME
D2-73	PUPIL SCORE / GRADE
COPY NAME	BUTTON TO COPY NAME
D2	SELECT RANDOM COMMENT
?	TYPE COMMENT HERE

HOW APP WORKS - II

ARINDA, Daisy

D2-73

C3
STRIVE FOR A BETTER GRADE
C3 RANDOM COMMENT 5
C3 RANDOM COMMENT 6
WORK TOWARD A DISTINCTION
GOOD PERFORMANCE - BUT CAN BE BETTER

- At any time, the teacher can also select from a menu of prefilled comments.
- This is by using the drop down menu.
- The menu offers comments relevant for the Grade: C3 comments or D1 comments only

HOW APP WORKS - III

- After this the application automatically grades Tina: i.e. assigns her an D1 or F5 or whatever she deserves.
- This of course depends on what the pupil scored.

HOW APP WORKS - IV

- After this, the app sums up pupils scores in all subjects.
- After that, the app ranks Tina and ranks her in her grade as the 1st or 7th or whatever position she earned.
- I.e. it ranks all the pupils in the class (6th out of 43 pupils)
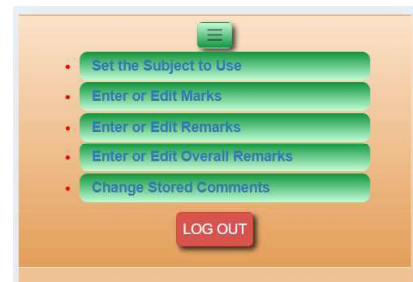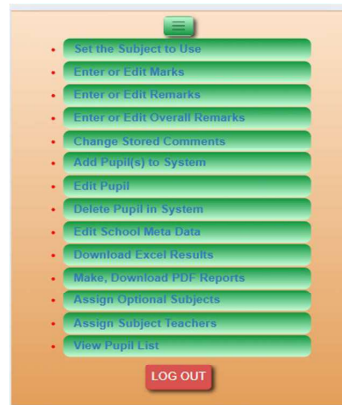
HOW APP WORKS - V

- The app then creates the reports in PDF format.
- One page for each pupil. Ready to be printed, or emailed to the parent/guardian or not.
- The online version creates one merged pdf document.
- The offline version creates one merged pdf document, *and* one pdf document for each pupil

HOW APP WORKS – RIGHTS OR ROLES

- The app uses a concept of rights or roles: some things that a DOS can do, a Teacher can not do.
- Teachers can ONLY enter the marks for the pupils, and perhaps comment on the performance
- The DOS is the *only* one who has the right to create and download reports, and to delete or add pupils to they system.
- But all of this is optional, the programmer assigns rights to users as instructed by the school management.

HOW APP WORKS – RIGHTS OR ROLES

Thus TEACHER and DOS have different menus

MENU:- MARKS

- My This allows the teacher to enter exam marks.
- For example, Tina scored 90 in English.

MENU:- REMARKS

- This allows the user to enter comments on the subject. For example, if Tina scored a D1 in English, the teacher comments that "keep it up", or whatever she wants. This comment appears on the printed report.
- The teacher can copy the pupil name into the comment by clicking on the **C**

NAMES	SCORE	GRADE	REMARK!	
ADOME, JOSEPH	84	D1	ADOME is a genius!	C

MENU:- FINAL REMARKS

- This menu item allows the teacher enter comments on the overall performance of Tina. For example, if Tina was the 1st out of 30 pupils the teacher can enter "Keep it up" or whatever she wants.
- This comment appears on the printed report.
- At any time, a teacher can copy the pupil name into the comment by clicking on the **C**

COPY

C

MENU:- ADD PUPIL

- This menu adds a pupil or pupils to the system.
- Only the DOS can add a pupil or pupils
- This is best done on a PC and not on the phone
- In this demo the ability to add pupils has been temporarily disabled, because it is a demo!

MENU:- EDIT PUPIL

- Only the DOS can edit pupil data.
- This menu modifies the data of a pupil. For example, changing the spelling of a pupil from Mohamed to Muhammad.
- Or perhaps changing a pupil class from S2 to S3.
- In this demo the ability to edit pupils has been temporarily disabled, because it is a demo!

MENU:- DELETE PUPIL

- This menu removes a pupil or pupils from the system.
- For example, if a pupil leaves the school.
- Or is dismissed.
- Only the DOS can expunge a pupil from the system.
- In this demo the ability to expunge pupils from the system has been temporarily disabled, because it is a demo!

MENU:- METADATA

- Only the DOS can make such changes.
- This menu item changes general information that appears on the report.
- Such as: next term starts on 10 February 2020.
- Such as: School fees for next Term is 350,000 Shs

MENU:- EXCEL

- This menu downloads the scores for all pupils, for all subjects in Excel format.
- Useful for many reasons, such as monitoring data entry of the marks
- Only the DOS can download Excel data.

MENU:- REPORTS

- Only the DOS can do this.
- This menu processes the data and creates the reports for download as pdf documents.
- It will take a few minutes to collate, grade and rank the data, depending on class size and in speed of internet connection
- For online version, one pdf doc is created per class
- For offline version, separate reports are created for each pupil

MENU:- ELECTIVES

- This menu assigns pupils to subjects that are optional.
- For example, imagine Tina may take French as a subject, but not Agriculture.
- Thus this menu indicates to the system that Tina is eligible for French, and not Agriculture! The system needs to know!
- It is customized to a school, because not all schools teach all optional subjects
- In this demo the ability to assign pupils to electives has been temporarily disabled

MENU:- EDIT TEACHERS

- This menu item is only available to the DOS.
- This menu item allows the DOS to assign teachers to subjects. These are the initials that appear on the reports.

EDITING THE SUBJECT TEACHERS

AGRICULTURE	FINE ART	CHEMISTRY
COMMERCE	ENGLISH	FRENCH
HISTORY	MATHS	PHYSICS
BIOLOGY	GEOGRAPHY	C.R.E.
	I.R.E	

MENU:- VIEWALL

- This menu item is only available to the DOS.
- This menu item simply lists all of the pupils that are in the system

CUSTOMIZATION for each school

- This app is customized for each school.
- Subjects not taught in the school will not appear.
- Other functionalities can be added to a school-specific app: such as emailing pdf reports to guardians, or monitoring.
- There is one backend database for each school. Mixing of data is impossible.

MENU:- SET CLASS

- This assigns the class and the subject and the exam whose data you want to work on.
- For example, Senior 3, Biology, Mid term.

IN SUMMARY

- App has ONLINE and OFFLINE versions
- Online version works on MOBILE phones, tablets, and DESKTOP computers
- Offline version works with ONE USER or SEVERAL USERS
- App uses separate database for each school. No risk of data commingling
- App is customized to meet client needs

TO TEST DRIVE THE APP

- Go to **www.centebbe.com**
- Log into the application with
- Use username: CHEMISTRY@ROLLCALL.NET
- Password 123_Tango_%_noDelay

INTERESTED?

- For further information call **Ronald** on
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