

Additional Requirements for web app

EACH SCHOOL WILL HAVE THE FOLLOWING ATTRIBUTES

- 1) County name
- 2) County Constituency

These are locations and we will provide you with local Kenyans locations to add to our database which we shall assign to schools during setup

A UNIQUE ID FOR ALL OUR USERS IN OUR DATABASE

- 1) Students
- 2) Teachers
- 3) Parents
- 4) County Reps (new)

Different levels of school : Currently our platform allows schools to have different levels

- I) Primary 1st level (Class level 1 to Class level 8)
- II) Secondary 2nd level (Form level 1 to Form Level 4)
- III) University & Vocation Training 3rd level

We would like to assign the unique student ID to those levels and a student can only have one level at a time (not both) eg, A student in primary school level cant also be in Secondary school level. Students can carry same unique ID to different school levels or different schools if they transfer

STUDENT STATUS AND STUDENT LEVEL Each student unique ID will have 2 different student status

- 1) Active student (For students who are current at the school)
- 2) Inactive student : (For students who are no longer current via Graduation date, or Dropout date)

The screenshot shows a 'View Student' page with the following details:

ID:	720
Full Name:	JOAN NJAGI .
Birth Date:	30/07/2000
Admission Date:	27/05/2010
Graduation date:	ADD NEW?
Dropout /Transfer date	ADD NEW?
Gender:	Female
Country:	Kenya
City:	Eldoret
Parents Name:	Baba Nani
Parents Phone:	749783407
Parents Email:	Njagi@parent.com
Current Class:	8 - 8S
Subjects:	COM, CRE, ENG, GRAM

1) Student Status will reflect active or inactive students
 2) Student level will reflect , primary , secondary or , University level

Graduation date: is the date students complete the level and take final exam and become inactive students at that school(We should allow a way for bulk graduation to be assigned via admin) Please allow our system to let admin assign graduation to Class levels (Primary and Secondary) during school creation

Dropout date: This is the date when a student leaves the school or dropouts/Transfers which will make their status inactive at this school. If student goes to another school his account will become active but in that school he transferred to .

MORE THINGS ABOUT THE STUDENT WE WOULD LIKE TO TRACK IN THE DATABASE

Gender parity

We would the option to track all the information in our database also by gender eg males and females because every student id has a male female status.

Enrollment percentage Rate=Number of active students

- 1) The number of current active students per school
- 2) The number of current active students per county
- 3) The Number of current students students per constituency

Dropout percentage Rate ={Number of dropout students/Total students X100}

- 1) Number of inactive students who did not reach graduation date per school
- 2) Number of inactive students who did not reach graduation date per county

3) Number of inactive students who did not reach graduation date per constituency

Retention Rate = the opposite of Dropout Rate eg if dropout rate =10% then Retention is 90%

Transition Rates= Percentage of students who went from one level to another eg Primary to Secondary school.

How to calculate Transition Rates

For Primary schools = Number of students from a primary school whose student level transitioned from Primary (Class level 8) to Secondary (Class level Form 1) VS ones who did not transition (we will know via the student ID linked to student level when he goes to secondary school)

For Secondary Schools= Number of students from secondary school whose level transitioned from Secondary (Class form 4) to University (First year) Vs the ones who did not transition (we will know again via student id)

NEW ADMIN LOGIN FOR DEPARTMENT OF EDUCATION

We have a new admin login that will be for mostly tracking all the school data mentioned above and more. We will be tracking things already in our system so this should not be a big issue. We will be using a new template that will cater to our dashboards , reporting and messaging system

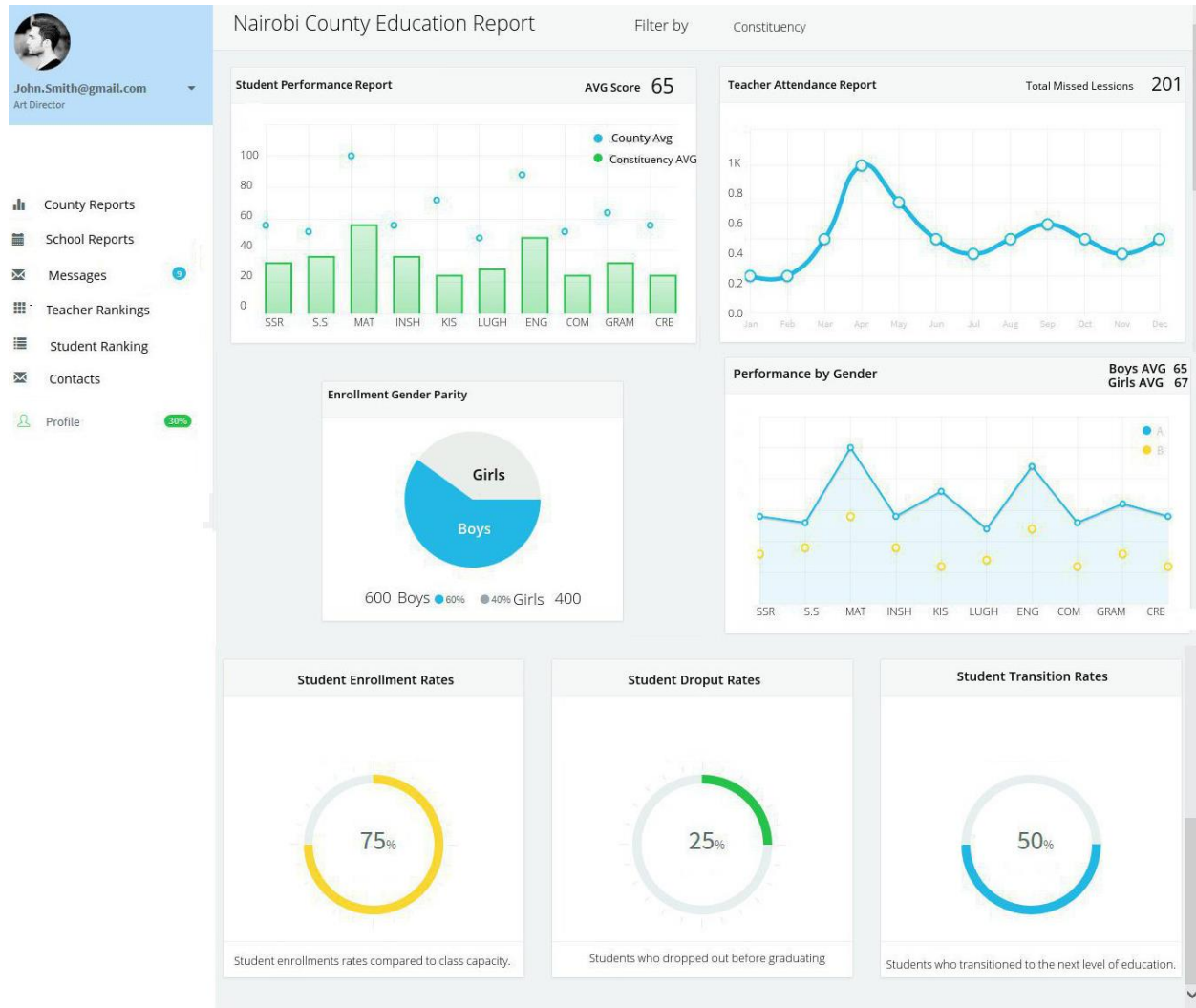
Things we want to track

- 1) County School Reports
- 2) Individual School Reports
- 3) Teacher Rankings
- 4) Student Ranking

COUNTY REPORT

The County report will show snapshot graphs that can be filtered by constituency

- 1) Student performance (with County Avg and Constituency Avg
- 2) Teacher attendance
- 3) Gender parity
- 4) Performance by gender
- 5) Student Enrollment Student dropout Rates, Student Transition Rates



SCHOOL PERFORMANCE REPORT

This is a Ranking report that shows school performance and can be filtered via constituency

The fields shown are

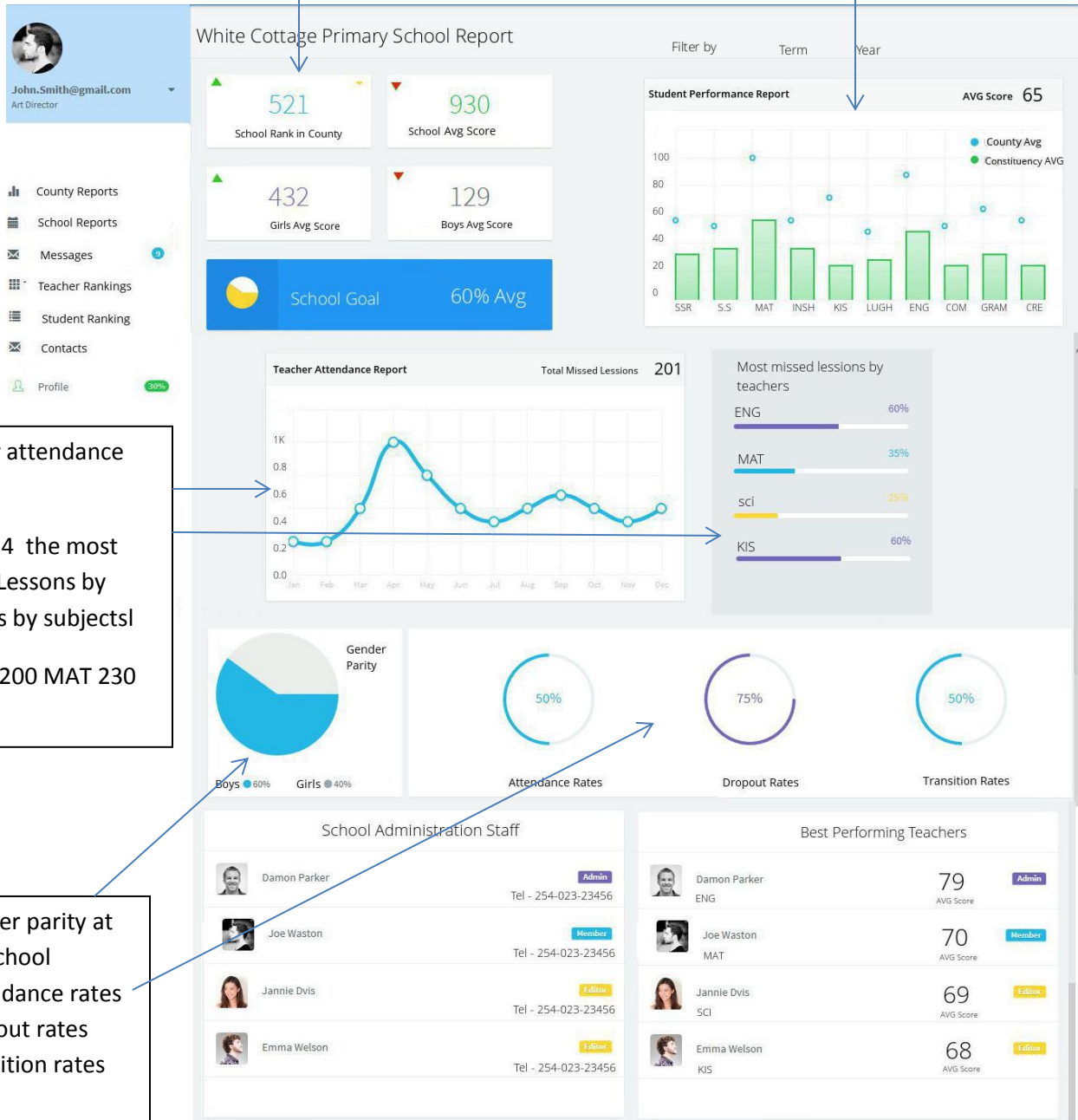
- 1) School ranking
- 2) School name
- 3) School avg score
- 4) Teacher missed attendance
- 5) Year/term

Rankings	School Name	Subject AVG Score	Teacher Attendance	Year/Term
1	Marion Primary Schools	67	32	2013/1
2	White Cottage Primary School	66	44	2013/1
3	Nairobi Primary School	65	54	2013/1
4	Aga Khan Primary	64	23	2013/1
5	Makini Primary School	63	22	2013/1
6	Makadara Primary School	62	21	2013/1

Once you click on a individual school you will be redirected to the school individual graphs

- 1) School Rank in county
- 2) School avg score
- 3) Girls Avg score
- 4) Boys avg score

Student performance report
Show count Avg vs school Avg



Teacher attendance graph

A list of 4 the most missed Lessons by teachers by subjects!
Eg ENG 200 MAT 230

- 1) Gender parity at the school
- 2) Attendance rates
- 3) Dropout rates
- 4) Transition rates

A list of school admin

A list of the four best performing teachers

THE MESSAGING SYSTEM

This will be between the county admins and school admins and teachers, the messaging systems is already setup all we have to do is add the new count admin to that messaging database

The screenshot shows a messaging interface with a header containing a 'Filter' dropdown, a refresh icon, a 'New Conversation' button, and navigation icons. The message list includes:

- Angular is Awesome (tag: angular) - a year ago
- Bootstrap components written in pure AngularJS (tag: bootstrap) - a year ago
- Nesting view in Angular (tag: angular) - a year ago
- Lazy loading Angular controllers, directives and services (tag: angular) - a year ago
- What a hot day (tag: client) - a year ago
- Oho! - a year ago
- Meeting (tag: work) - a year ago
- Product version released - a year ago

Teacher score rankings

This tab allows the county to view teacher rankings and sort by their respective headings with option to message directly if teacher name is clicked

The screenshot shows a table titled 'Teacher Score Rankings' with the following data:

Rankings	Teacher name	School	Subjects taught	Average Score	Term/Year
1	James Omollo	Marion Primary Schools	MAT,ENG	79	2014
2	Raphael Peter	High peak Primary Schools	SCI,ENG	78	2014
3	James Oneo	Marion Primary Schools	MAT,ENG	77	2014
4	Jane Karanja	High peak Primary Schools	SCI,ENG	76	2014
5	Mureen Bishop	Chase Secondary Schools	MAT	77	2014
6	Cathy Asego	High peak Primary Schools	MAT	76	2014

Student score rankings

This tab allows the county to view student rankings and sort by their respective headings with link directly to parent message if the click the students name.


Rankings	School Name	School Name	Subject AVG Score	Year/Term
1	Njeri Karanja	Marion Primary Schools	67	2013/1
2	Peter Okollo	White Cottage Primary School	66	2013/1
3	James Mutua	Nairobi Primary School	65	2013/1
4	Brian Orner	Aga Khan Primary	64	2013/1
5	Chege Jr	Makini Primary School	63	2013/1
6	Cathy Bates	Makadara Primary School	62	2013/1

County Address book

Counties admin can group their contacts by groups (so allow option to create a new group

Home >

Nairobi County Education Contacts

ALL Contacts	Search All Contacts	Edit						
County Officials	Alexandra Galton	 <p>Alexandra Galton Head Principal Westlands Primary School</p> <table><tr><td>Messages</td><td>25</td></tr><tr><td>Inbox</td><td>16</td></tr><tr><td>Mobile 102 394 821</td><td>5</td></tr></table>	Messages	25	Inbox	16	Mobile 102 394 821	5
Messages	25							
Inbox	16							
Mobile 102 394 821	5							
Department Of Education	Angela Oscar							
Head Teachers/Principles	Annabelle							
Teachers	Bertina Robert							
	Blanche Julian							
	Brenda Lanny							
	Britney Patricia							
	Deborah Darryl							
	Elizabeth							

+ New Group ? + New Contact

THINGS TO ADD TO TEACHER ADMIN

Teacher Class Scheduling and Attendance : We can assign teachers to class but we would also like to assign teachers to classes via a weekly scheduling system . Below is how we want to do it .

Once we assign a class and a subject to a teacher, we can assign that specific class to a weekly schedule eg every Monday 9.30 to 10.30

The provision we have to make for the schedule date will leave out holidays (which we have stated when each term ends & Kenyan National holidays) which I will provide for you

TEACHER LOGIN & TEACHER CLASS ATTENCANCE TRACKING

Lessons Missed	Date	Schedule	Reason for absence
ENG -CLASS 6N	10/05/2015	9.00 am -10.00 am	Personal leave
MAT -CLASS 6N	10/05/2015	10.45 am - 12.00 pm	Late to class

We would like to implement a teacher attendance tracking login via a login that is linked to a physical IP location (or a PC location at the respective school) that way teachers have to be physically at the school to login and register an attendance.

Statuses for Attendance

- 1) Missed (for lessons without login when lesion has passed 20 minutes without login
- 2) Attended : for teachers who have successfully logged in within 20 minutes of the lesion
- 3) Login : for pending future logins that have not come to pass

This tabs will show the past records of missed lessons by teachers which will show

- 1) Subject /Class
- 2) Date of missed lesson
- 3) Schedule date of missed lesson
- 4) And teacher can add why they misses the lessons. (we can add a drop down of various reasons eg lateness , sick leave etc

TEACHER PEER MENTORSHIP TABS

This tab will allow teachers with the best performing scores to upload their lesson plans and teaching methods so that other teachers who do poorly on the same subject can have an opportunity to learn by reading and bookmarking those lessons. They can also follow or (bookmark) other teacher so as to get the latest lessons from that teacher. We will use an article posting widget provided by theme

The screenshot displays a dashboard for 'White Cottage school' with a search bar and navigation tabs. The main content area is titled 'Unloaded Lessons' and shows three lesson entries with user avatars, titles, and update dates. A sidebar on the right contains 'STATISTICS' (15 TEACHERS, 111 LESSONS UPLOADED, 5 FOLLOWING), 'CATEGORIES' (Mathematics, English Grammar, English Composition, Kiswahili, Insha, Science, CRE, Social Ethics), and 'HASHTAGS' (StrongArmSelfie).

- 1) Number of teachers who uploaded lessons
- 2) Number of uploaded lessons
- 3) Teachers in following

Each tab links to the snapshot listing of their respective tabs

Teacher mentorship tabs

- 1) Uploaded lessons: Where teachers can upload lessons and place them in a subject category eg MAT, ENG etc
- 2) Saved Lessons: These are the already bookmarked/saved lessons by teachers
- 3) My uploads: these are the lessons uploaded by this teacher
- 4) Upload a new lesson: This is where a teacher can upload a new lesson.

Subject categories

MENTORSHIP LESSION DETAIL PAGE

This is the page you land after clicking on a uploaded teacher lesion. First you will see the teacher profile image, subjects, ranking , avg score and lessons uploaded. Below he will be able to view the lesion.

Share, Exchange & Improve
...Your Teaching methods with other fellow teachers and improve the quality of education in all schools together

Search...

Subjects	Ranking	Average Score	Lessons Uploaded
ENG,MAT	1	89	25

PEOPLE IN THIS DISCUSSION

RELATED TOPICS

- 1 Other updates: DirectoryEngine, FreelanceEngine and ClassifiedEngine
- 2 EngineThemes' updates: JobEngine, QAEngine, ForumEngine
- 3 WeddingEngine Free Upgrade
- 4 DirectoryEngine v1.8.6 now supports responsive header menu
- 5 Big changes in ClassifiedEngine
- 6 Spring-end sale. Ends on April 30
- 7 New option to select Skills in FreelanceEngine v1.5
- 8 Announcement: Delay in support from April 28th to May 03rd

Followers

- Ramon Parker
- Joe Watson
- Jaelin Davis
- Joe Watson
- Ramon Parker
- Joe Watson
- Jaelin Davis
- Joe Watson
- Ramon Parker
- Joe Watson
- Jaelin Davis
- Joe Watson

Lucas Brennan on May 13, 2015

We are so grateful to receive a lot of support and questions asking about our **WeddingEngine** from you guys in the previous weeks.

Finally... the time has come!

EngineThemes is excited to announce the release of our beautiful and elegant wedding theme: **WeddingEngine**.

This wedding theme is built for couples to create their personalized wedding websites easily and quickly. **WeddingEngine** is a One Page WordPress theme that features unique sections made just for weddings. Visit [Demo here](#) to see all the features!

WeddingEngine Special Offer

In order to share the joy and love on the day **WeddingEngine** launches, we are happy to bring you a special offer:

- From May 12 to May 22, when you purchase a single **WeddingEngine** theme, you will receive a free installation package.
- To anyone, who purchases **WeddingEngine** with a hosting package, we will rebate you \$20 (equivalent to an installation package).

We know that you will have a ton of works for your big day so let's give you a hand. From just \$49, you can have your very own personalized wedding website. Nothing is sweeter than that!

Reply

Teachers can follow this teacher and see their lessons

Teachers they are following

Allow teachers option to bookmark , comment and share the lesion with other teachers within the school.