

Implementation of Modules/Features for nukeboard.co

By

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CEF599: Internship

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Outline

- What is Njorku Cameroon Ltd?
- Daily internship routine.
- Brief explanation about Nukeboard Project.
- My Work done during Internship.

Outline

- Results obtained and discussion.
- Other tasks done apart from Internship task.
- Future works and conclusion.
- Software Live Demo.

What is Njorku Cameroon Ltd?

- Njorku is a company that focuses on technology based platform for career and recruitment services in Africa.
- Njorku was launched in March, 2011.
- Njorku was founded by Mambe Churchill Nanje.
- Njorku HQ is in Buea, SWR Cameroon behind Express exchange around UB junction.

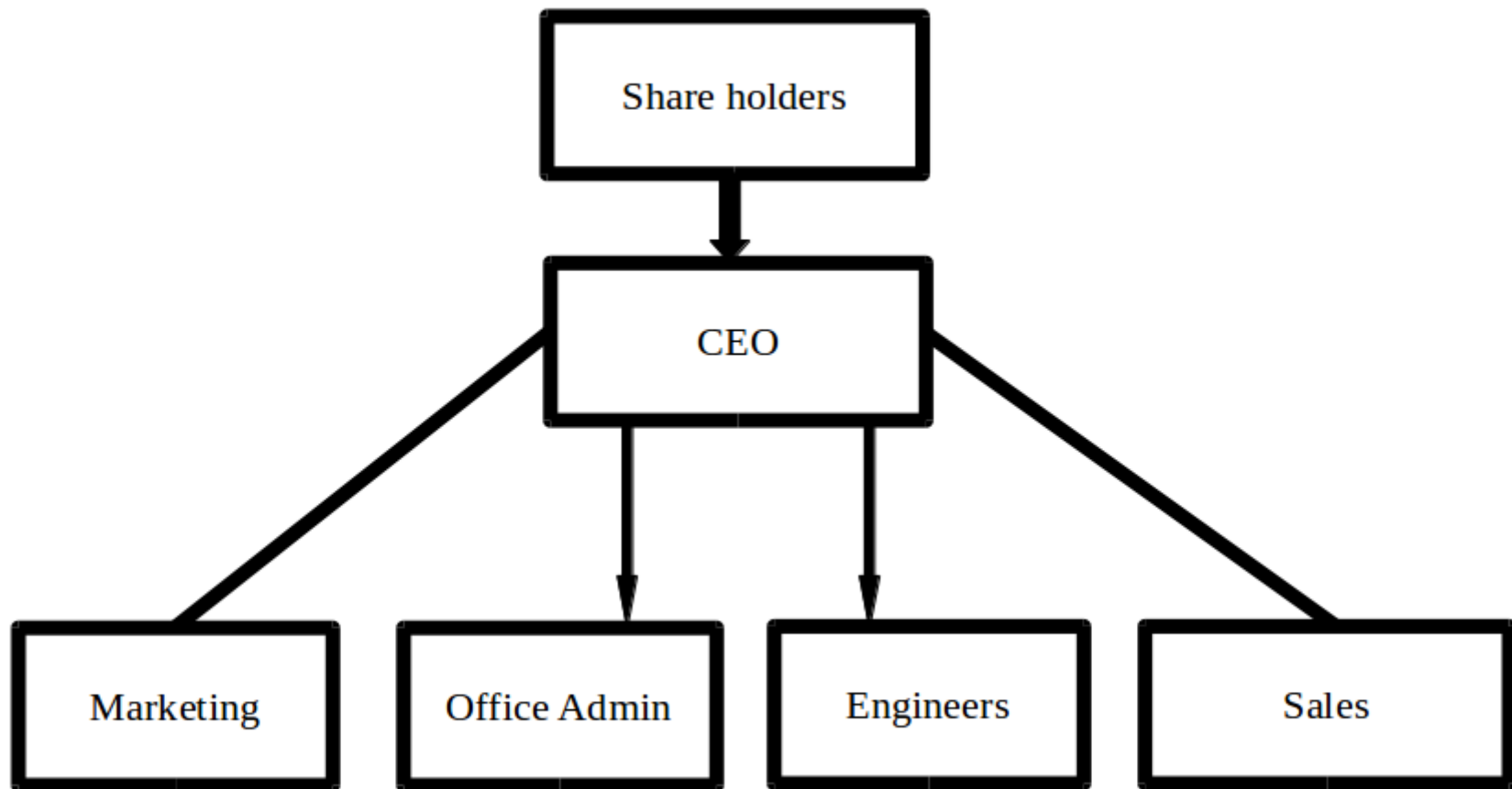
What is Njorku Cameroon Ltd?

- This company owns two main products.
- These products are Njorku Search Engine (www.njorku.com) and Nukeboard (www.nukeboard.co)



What is Njorku Cameroon Ltd?

- The company structure



Daily Internship Routine

- My internship started on the 1st September, 2015 and ended on the 31st January, 2016 making a total of 5 months.
- Work starts everyday at 9am and ends at 5pm with break and at the end of the day, my work is being reviewed by the project supervisors.

Daily Internship Routine

- Also, if I complete my work each day and its reviewed and accepted, I push it to my account on Github for merge.

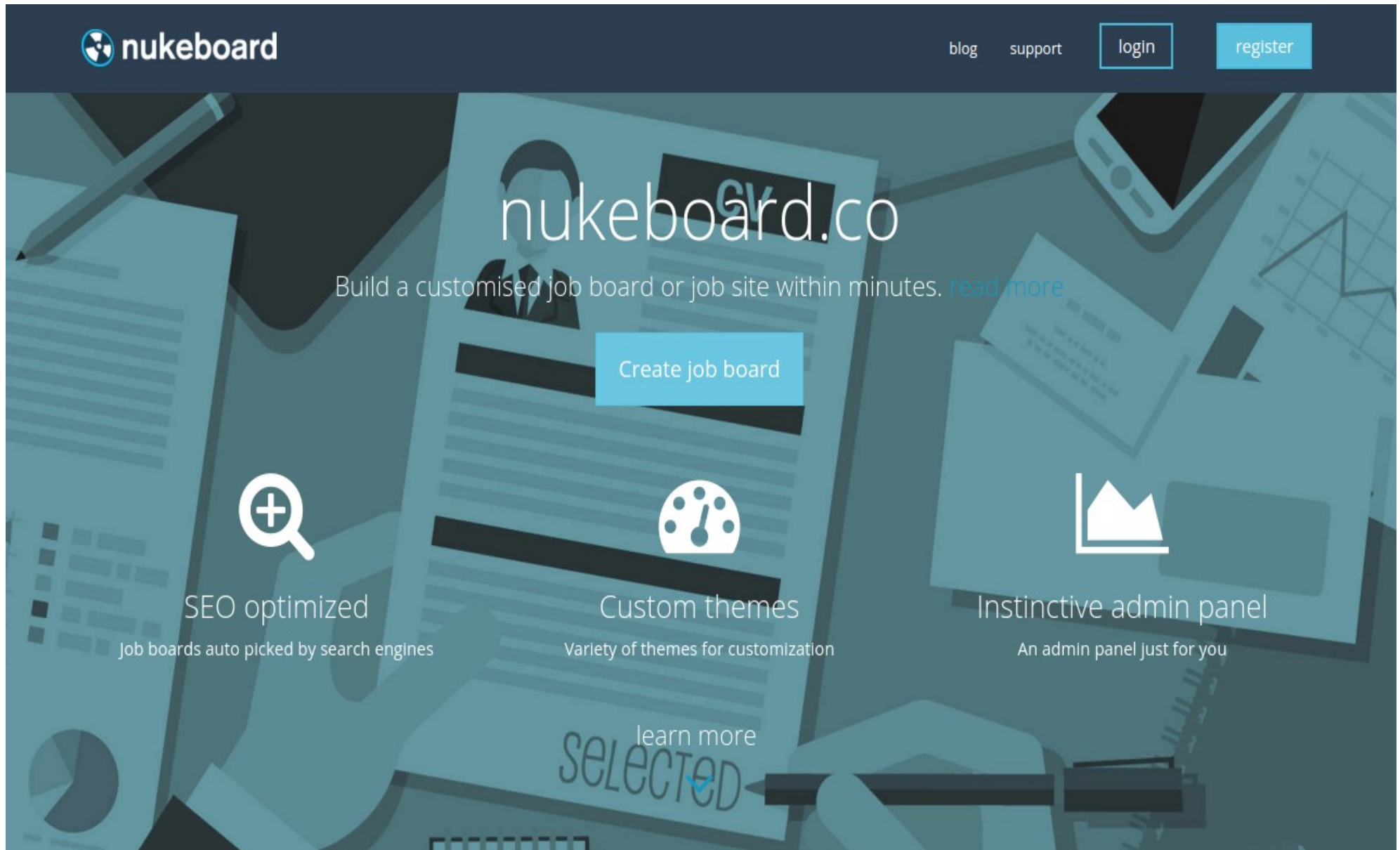
The screenshot shows a GitHub repository page for 'ch3nkula / nukeboard', which is a private repository forked from 'mukete/nukeboard'. The repository has 193 commits, 2 branches, 0 releases, and 3 contributors. The current branch is 'master', and there is a green 'New pull request' button. The repository is 24 commits behind 'mukete:master'. A table of commits is displayed, showing the commit message, the commit hash, and the time since the commit was made.


Commit Message	Commit Hash	Time Since Commit
Integrating Sponsored jobs	7da8c81	a month ago
all search themes translated & autoSetLanguage() implemeted		8 months ago
ok now		2 months ago
adding blog		a month ago
modified wizard for employer module		5 months ago
fix htaccess		8 months ago
Initial Nukeboard Fork		5 months ago
initial commit		a year ago
Blog module working perfect		4 months ago
profile application fixes, catch implementation and validation		3 months ago

Brief explanation about Nukeboard

- It was founded by Churchill Mambe Nanje.
- Nukeboard was created to help recruiters make jobs offers available using the Internet.
- Adding to the above point, it also manages job applications and grows a CV bank.

Brief explanation about Nukeboard

The image shows the landing page of the Nukeboard website. The background is a dark blue-grey with a collage of office-related icons: a pencil, a smartphone, a document with a person's silhouette, a magnifying glass, a speedometer, a bar chart, a pie chart, and a document with the word 'SELECTED' and a checkmark. The Nukeboard logo is in the top left, and navigation links for 'blog', 'support', 'login', and 'register' are in the top right. The main heading 'nukeboard.co' is centered, followed by a subheading 'Build a customised job board or job site within minutes.' and a 'read more' link. A 'Create job board' button is prominently displayed. Below this, three features are highlighted with icons and text: 'SEO optimized' (magnifying glass icon), 'Custom themes' (speedometer icon), and 'Instinctive admin panel' (bar chart icon). A 'learn more' link is at the bottom center.


 nukeboard

blog support [login](#) [register](#)

nukeboard.co


Build a customised job board or job site within minutes. [read more](#)

[Create job board](#)




SEO optimized

Job boards auto picked by search engines



Custom themes

Variety of themes for customization



Instinctive admin panel

An admin panel just for you

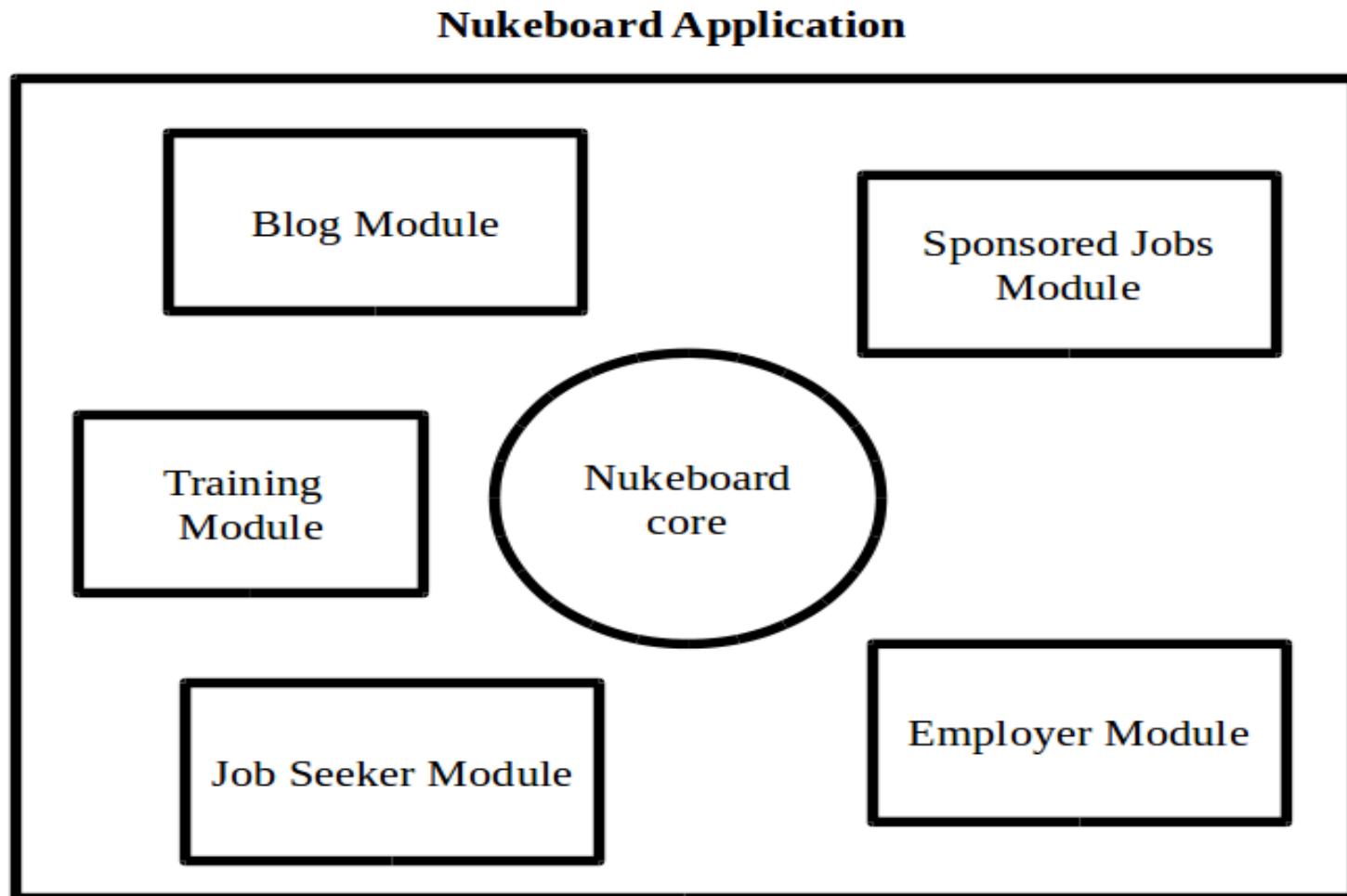
[learn more](#)

Brief explanation about Nukeboard

- Initially, the coding of the project was started by William Mukete.
- The projects is running live online and powers many job sites across Africa today.
- For example: www.mbotejobs.com, www.akwajobs.com, etc...

Brief explanation about Nukeboard

- Architecture of the software:



My Work done during Internship

- Before I could work on this project, I need to be familiar with the technologies used to accomplish the project.
- PHP 5, Laravel 4.2, Twitter's Bootstrap, MySQL, SQL & ORM, DNS Masq, Apache2, phpmyAdmin, Git & Github, HTML 5, CSS 3, JavaScript & jQuery, JSON, OOP & MVC, Apache Tika, Database designing

My Work done during Internship

- I was mainly developing modules/features for the project.
- I worked on the following modules:
 - Employer Module
 - Job Seeker Module
 - Sponsored Jobs Module.
- In addition to that, I worked on the CV Manager

My Work done during Internship

- Also did QA(quality assurance) for the whole software.
- As part of my work, I wrote a class for managing employers session activities

```
class EmployerSessionController extends BaseController  
{  
  
}
```

- The class handled login, logout, password recovery by email, account creation.

My Work done during Internship

- Created an interface where job board owners can manage employers on their job board and also handle permission tasks.
- Built a registration wizard for both employer and job seeker module.
- This wizard enabled the software to collect all information required.

My Work done during Internship

- Employer module registration wizard

Miyatzuki Inc. - Employer Zone

alangiderick@gmail.comlogout

Complete your account

Welcome **alangiderick@gmail.com**, Complete your account by following the steps. There are 2 steps and ***must*** be completed and account approved by board owner before you can have access to your account.

1. Update Account Information
2. Provide Your Company Information

Next →


english français español العربية português


thanks for using nukeboard.co powered by #teamnukeboard

My Work done during Internship

- Job seeker module registration wizard

Miyatzuki Inc. - Job Seeker Zone

 alangiderick@gmail.com

 logout



Complete Account Wizard

Welcome **alangiderick@gmail.com**, Complete your Account by doing the following steps. These 2 basic steps ***must*** be completed so you can access to your account

1. Update Account Information
2. Tell us about your first Job

Next →

My Work done during Internship

- Implemented the specific CV search in the software

The screenshot displays the nukeboard.co web application interface. The top navigation bar includes the site name 'nukeboard.co' and user roles: 'administrator', 'miyatzuki.nukeboard.co', 'mukete@yandex.com', and a 'logout' link. A left sidebar contains a list of navigation items: 'home', 'site configuration', 'themes', 'account', 'cv manager', 'widgets', 'manage blog', 'manage employers', 'manage job seekers', and 'manage sponsored jobs'. The main content area features a search bar with the text 'finance' and a 'Search' button. Below the search bar, three CV entries are displayed, each with a placeholder profile picture, a name, a brief description, and a 'Download CV' button. The entries are for 'Oni Joseph Abiodun', 'Ass Cream', and 'Shave'. To the right of the search results is a 'Search Filters' panel with three dropdown menus: 'Minimum Age' (set to 24), 'Maximum Age' (set to 30), and 'Years of experience' (set to 3). A 'Filter' button is located at the bottom of this panel.

nukeboard.co administrator miyatzuki.nukeboard.co mukete@yandex.com logout

search through parsed resumes from your all applicants

home site configuration themes account cv manager widgets manage blog manage employers manage job seekers manage sponsored jobs

finance Search

Oni Joseph Abiodun
CURRICULUM VITAE ONI JOSEPH ABIODUN, MSC ECONOMICS
PERSONAL DATA NAME: Oni Joseph Abiodun DATE OF BIRTH:
Download CV

Ass Cream
DECLARATION This is to certify that the senior project title "CHRISTIAN IDENTITY AND FIGHTING AGAINST CORRUPTION IN CAMEROON? is written, William
Download CV

Shave
DECLARATION This is to certify that the senior project title "CHRISTIAN IDENTITY AND FIGHTING AGAINST CORRUPTION IN CAMEROON? is written, William
Download CV

Search Filters

Minimum Age
24

Maximum Age
30

Years of experience
3

Filter

My Work done during Internship

- Integrated the sponsored job module on all themes in nukeboard.

[Miyatzuki Inc](#) [Jobs](#) [Blog](#) [About](#) [Facebook](#) [Twitter](#) [Advertise job](#)

Sponsored Jobs

15 February, 2016

Survey: Use of mobile money in Cameroon

Category : [Survey](#) Location : [Douala, Cameroon](#)

24 November, 2015

Laravel 5 Application Developments

Category : [Web Development](#) Location : [Mbote](#)

3 January, 2015

Laravel PHP Developer

Category : [Software Engineering](#) Location : [Buea](#)

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Location	Category
Anywhere	Administration
Buea	ASSURANCES
Buea , Moliko	IT &
CAMEROUN	Programming
Douala,	Legal,
Cameroon	Investigation
LIBREVILLE	PME
Mbote	PRODUITS
Singapore	LAITIERS
Tokyo	secretary
United Kingdom	Service client
	Software
	Application

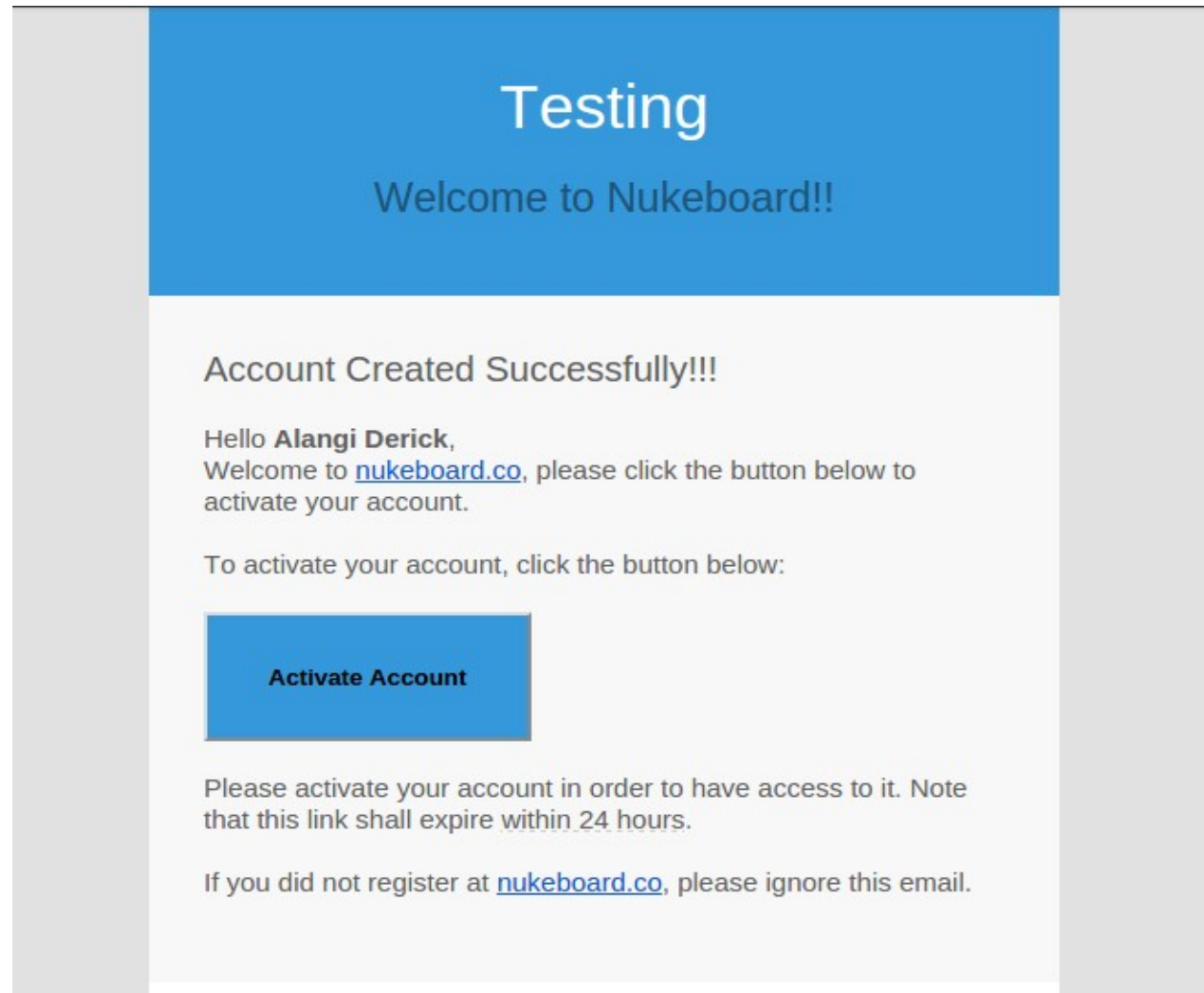
Recent jobs

15 February, 2016

ANIMATEUR DE LA GRASSE GENIE

My Work done during Internship

- Implemented HTML email support for the software



My Work done during Internship

- Quality Assurance(QA) or Quality of Service(QoS) was also done by me. This required me to test the functionality and performance of the whole software.
- Results obtained will be revealed in the Results and discussion section of the presentation.

Results Obtained and Discussion

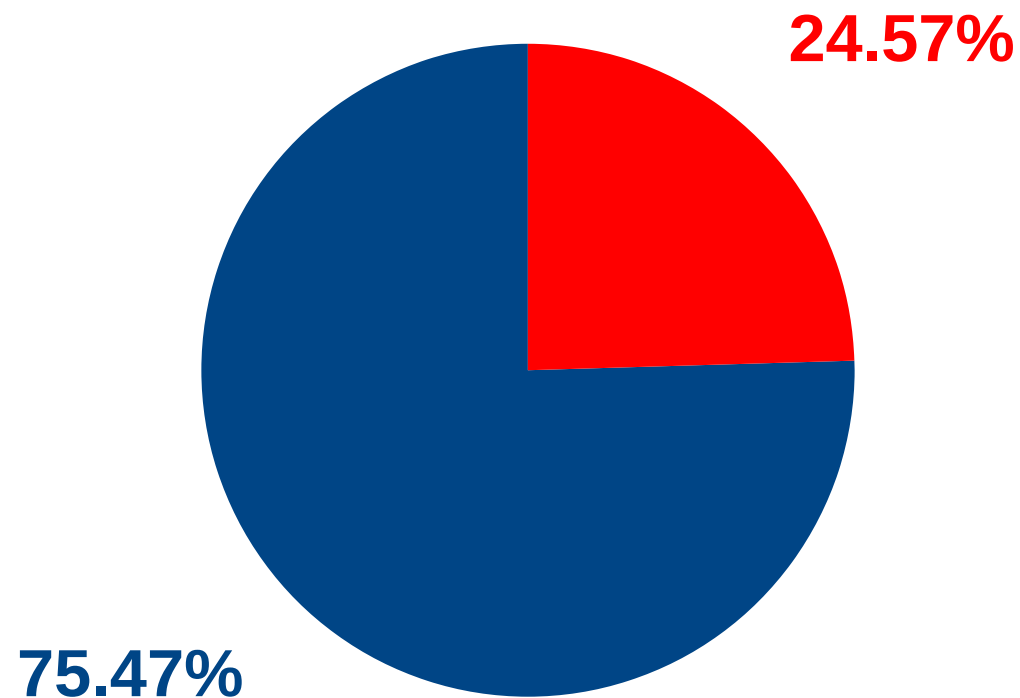
- The pictures in the presentation are the some of the results obtained from the work I did.
- In addition to that, statistics for the QoS I did will be revealed here.
- I did 53 test cases and 40 passed, 14 failed.

Results Obtained and Discussion

Number of Test Cases	Passed	Failed
53	40	13

Number of Test Cases	% Passed	% Failed
53	75.47 %	24.53 %

Results Obtained and Discussion



QoS statistics

Results Obtained and Discussion

- The results of all the test I did was saved in an online Google spread sheet as I was instructed.
- The link to these tests can be found by clicking the link:
<https://docs.google.com/spreadsheets/d/1tGCM8aJPhJMd72sqRnnYN6l4yl7kqiBg1iyK86zPlqk/edit#gid=0>

Results Obtained and Discussion

- As per coding, my a snapshot of my github account can reveal the work I did



Other tasks done apart from Internship task

- Developing an online shopping website: <https://efarm.cm> and my personal website: <http://www.derick-tech.xyz>
- Mentored the Google Code-In(GCI) program for Wikimedia Foundation(WMF).
- Contributed codes to an Open Source organisation in PHP in which I have fixed 25 bugs, link here:
<https://gerrit.wikimedia.org/r/#/q/owner:d3r1ck01+status:merged,n,z>
- Did 10 freelancing jobs on Upwork Global Inc
- Learned a tool for writing professional documents and research papers, LaTeX(Lamport TeX)

Future works and conclusion

- More modules have to be developed for nukeboard.
- Searching CV will be improved and implemented using the Binary Search approach.
- CV's dumped text will be nicely formatted and saved on a different server for proper indexing to enhance the CV management and search.
- The code base for nukeboard will be refactored

Software Live Demo

Thanks for your kind Attention

Questions???