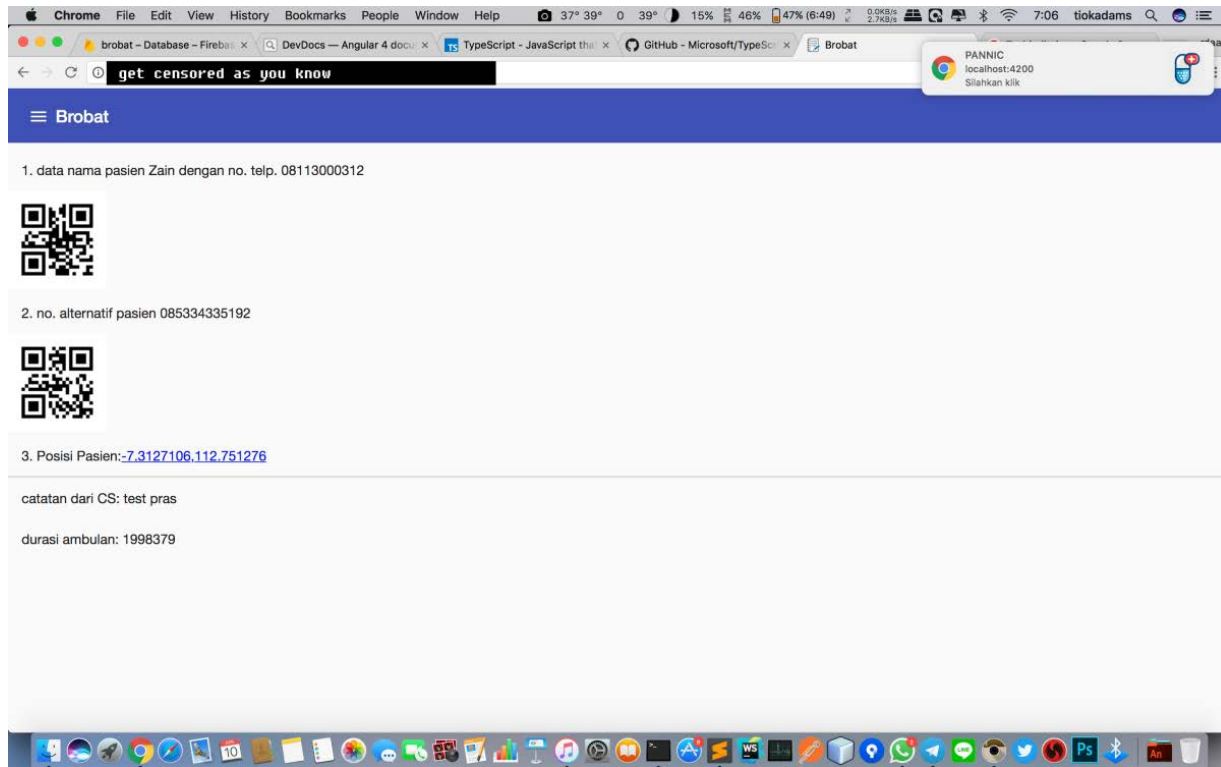


Dear Readers, as you may want to know myself deeply so, I am here, Prastio Adam Satria. Allow you to know my abilities about Information Technology I ever made. The numerical order has been ordered by my latest current creating into web development application.

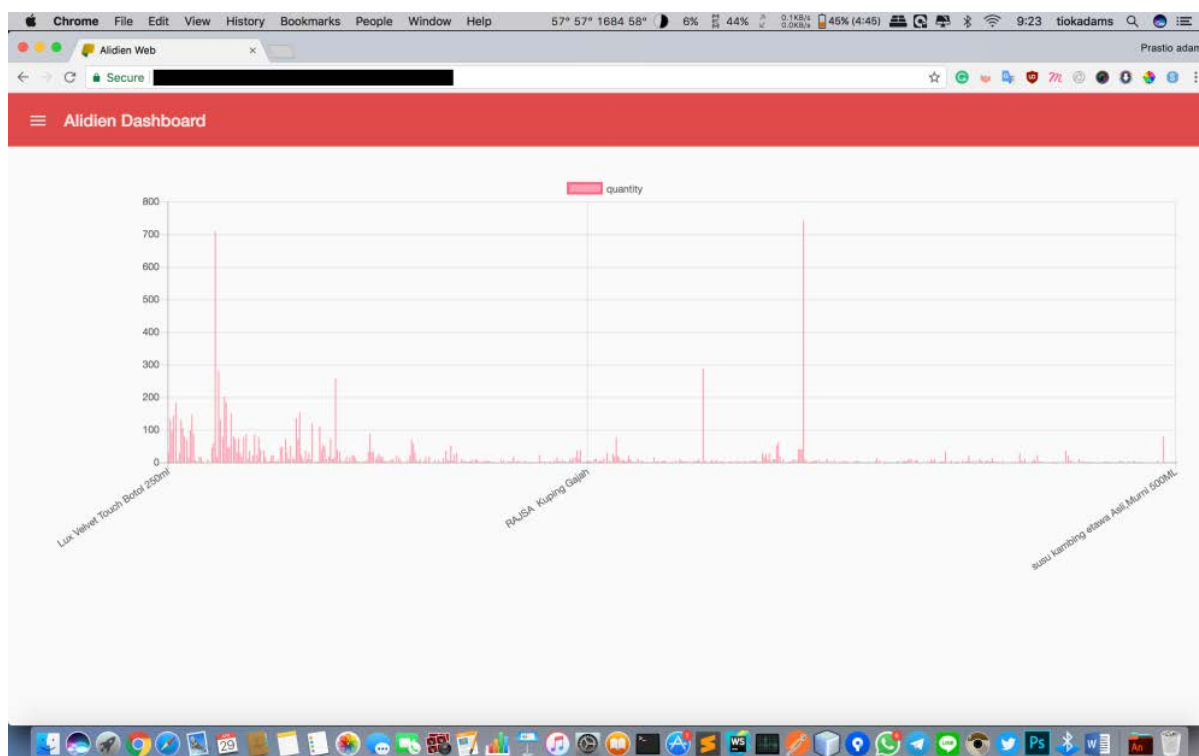
Hope you'll be interest in my previous and following works.

1. BackOffice Application using Angularfire2 v.5 with notification from FCM (Firebase Clous Messaging)



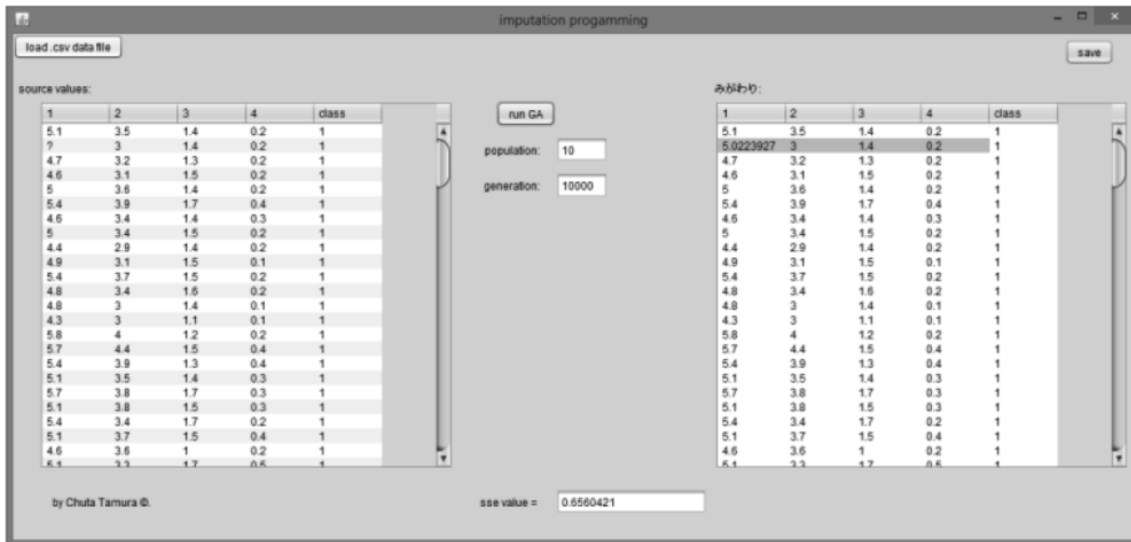
This application has been build using Angular framework, which is collaborated with Firebase as its database environment. This notification nowadays is commonly used in website application, such as marketplace, social media, and so on.

2. Visual Graphic of best selling marketplace's products



This application had been done using Angular 4 and 'ng2-charts' library. Retrieved data from Firebase using Angularfire2.

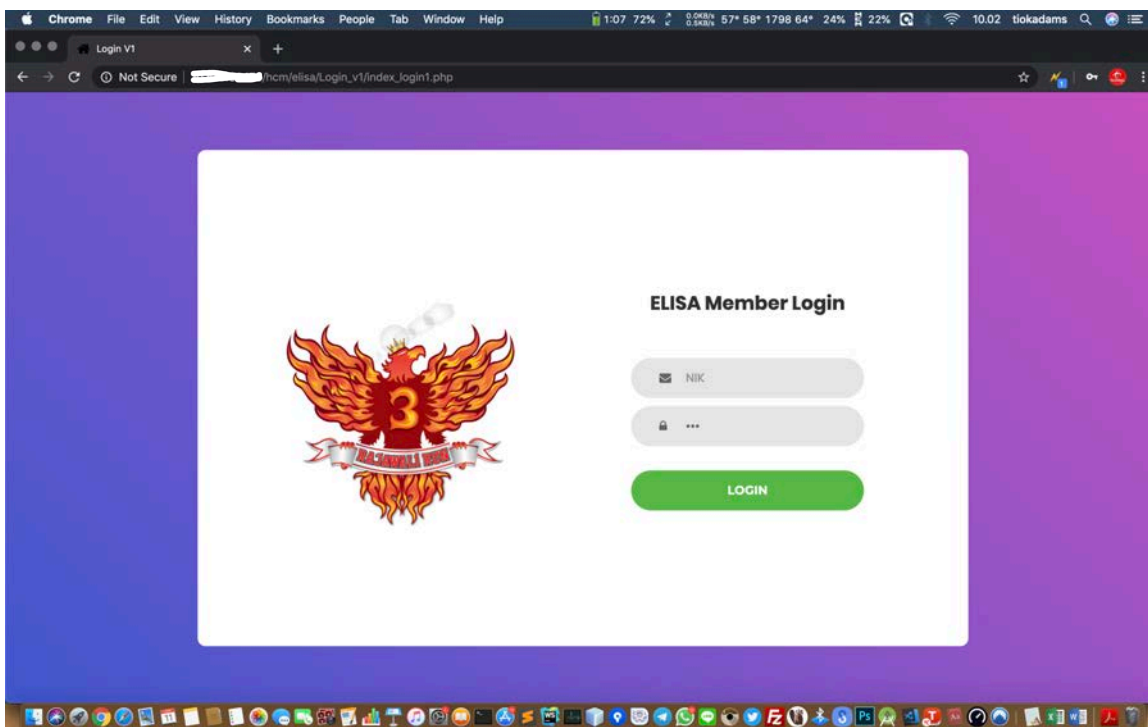
3. My favorite desktop application of final project for getting Bachelor Degree



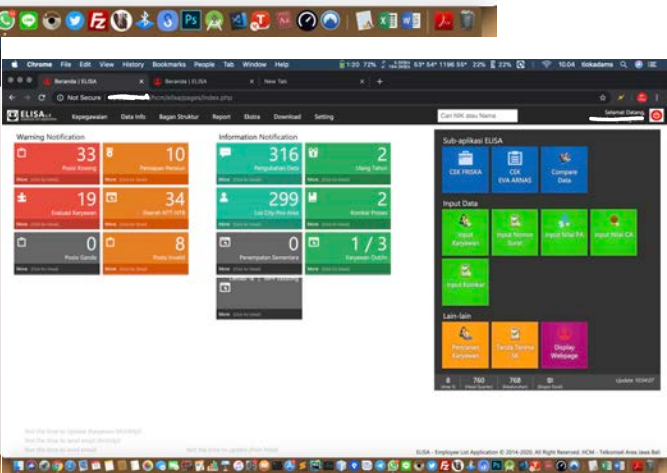
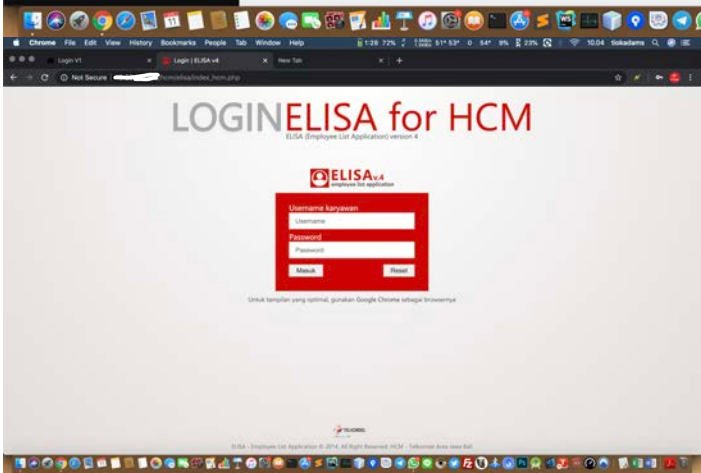
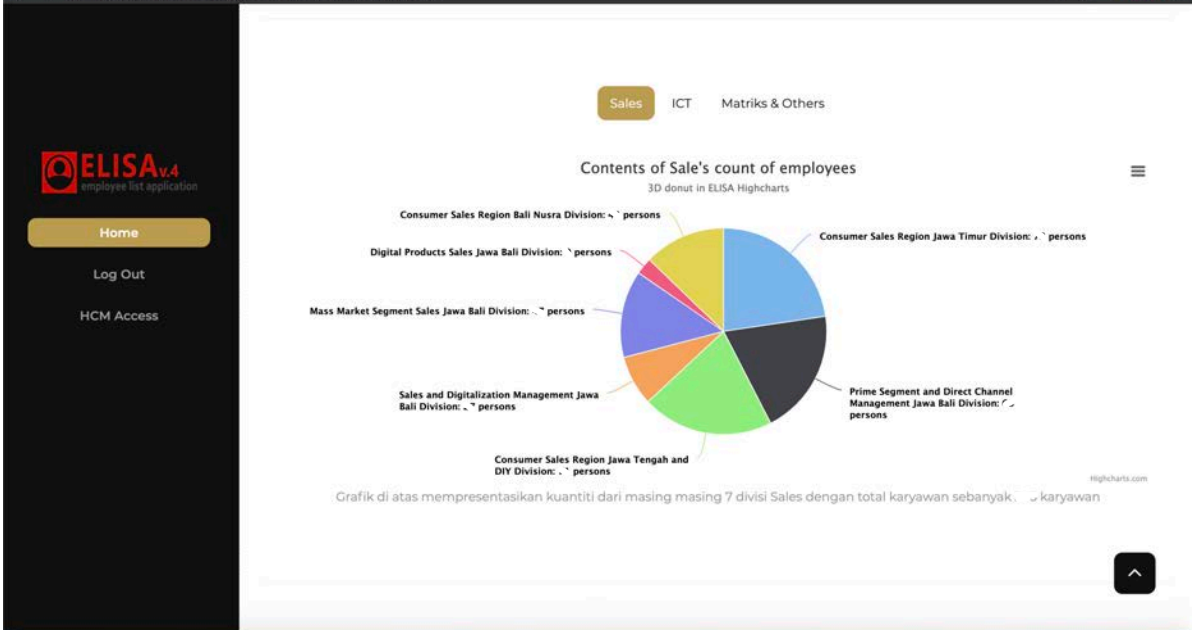
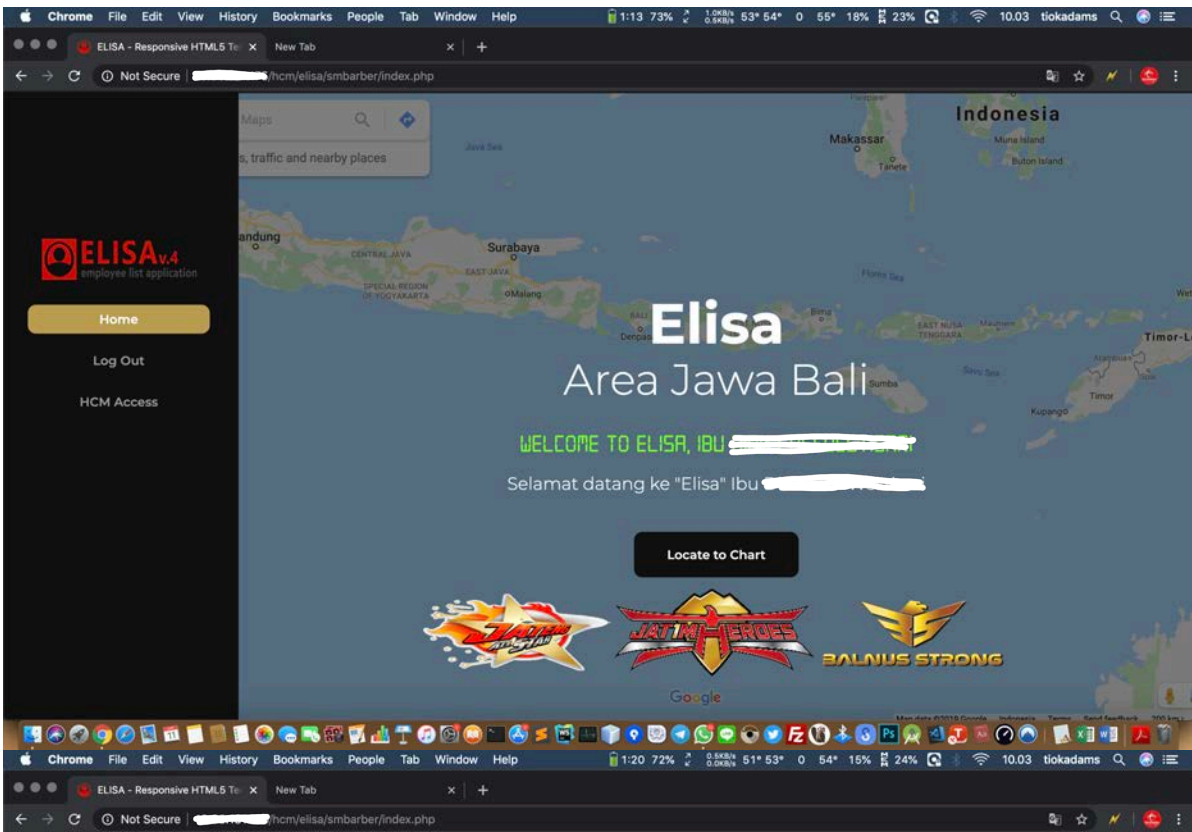
This research/application presents an optimization process to imputating missing values from a two-dimensional data to n-dimensional data. Optimization is done by comparing two algorithms, Genethics Algorithm and Reinforcement Algorithm. This optimization approaches through of statistic method called the residual sum of squares (RSS), also known as the sum of squared residuals (SSR) or the sum of squared errors of prediction (SSE). This approach uses the sum of the squares of residuals (deviations predicted from actual empirical values of data) for each grouped or supervised data. For introducing, I used Ruspini dataset as basic trial data. Then, used Iris dataset which has a complete position value and emptied some positions. The empty positions will be inputed with values that have been optimized by using reinforcement programming. The result will be compared to initial data. The optimization of reinforcement has set its parameters by highest learning rate and lowest reward rate. Experimental results on real-life datasets demonstrate that the proposed algorithm is effective and efficient to reveal future time series data.

This application influenced to my all application, because this application is blend of Data Mining and almost Big Data (Massive Datasets) in one topic.

4. Ethernet Leased-lines Web Based Application for maintaining and managing attributes of employees of Telkomsel Area Jawa-Bali. Namely "Elisa" (Employee List Application)



A capture of web-page to login in application



captures of main dashboard and showing some features within

Pencarian Karyawan

Edukasi: Pilih Level, Pilih Institusi, Pilih Fakultas, Pilih Jurusan

Identitas: Pilih Kota Lahir, Pilih Gender, Pilih Marital, Pilih Agama, Pilih Rekrutmen

Struktural: Pilih Admins, Pilih Job, Pilih Group, Pilih Division

Pilih Department, Pilih Section / Team, Pilih City

Value: Cari Berdasarkan NIK atau Na, - Los Masuk, - Los Function, - Los Pos, - Los City, - Los BP, - Los Area, - Los Area, Cari

NO	NIK	NAMA	DOB	KOTA LAHIR	TGL MASUK	START FUNCTION	START POS	START CITY	START AREA	START REGIONAL	START BP	TGL UPDATE	LOS TELKOMSEL	LOS FUNCTION	LOS POS	LOS CITY
1			1975-07-03	Jakarta	2000-04-24	2020-02-01	2020-02-01	2020-02-01	2020-02-01	2020-02-01	2019-06-01	2020-06-02	20,1	0,4	0,4	0,4
2			1988-07-23	Bandar Lampung	2013-11-01	2015-06-01	2015-06-01	2015-06-01	2013-11-01	2015-06-01	2013-11-01	2020-06-02	6,7	5,0	5,0	5,0
3			1990-10-01	Sukoharjo	2014-10-15	2017-06-01	2020-05-01	2016-07-01	2014-10-15	2014-10-15	2014-10-15	2020-06-02	5,7	3,0	0,1	3,11
4			1993-12-06	Solo	2017-02-01	2017-02-01	2017-02-01	2017-02-01	2017-02-01	2017-02-01	2016-04-01	2020-06-02	3,4	3,4	3,4	3,4
5			1973-08-04	Garut	2004-09-01	2018-03-01	2019-06-01	2019-06-01	2004-09-01	2019-06-01	2009-11-01	2020-06-02	15,9	2,3	1,0	1,0
6			1987-02-14	Klaten	2011-06-01	2017-06-01	2017-06-01	2017-06-01	2011-06-01	2017-06-01	2017-06-01	2020-06-02	9,0	3,0	3,0	3,0
7			1982-09-02	Lenek	2005-11-15	2016-10-01	2016-10-01	2016-10-01	2005-11-15	2016-10-01	2016-10-01	2020-06-02	14,6	3,8	3,8	3,8
8			1991-03-21	Solo	2017-04-01	2017-04-01	2019-06-01	2019-06-01	2019-06-01	2019-06-01	2014-10-15	2020-06-02	3,2	3,2	1,0	1,0
9			1996-09-24	Surabaya	2019-10-01	2019-10-01	2019-10-01	2019-10-01	2019-10-01	2019-10-01	2019-10-01	2020-06-02	0,8	0,8	0,8	0,8
10			1973-07-13	Medan	1998-06-15	2019-10-01	2019-10-01	2019-10-01	2019-10-01	2019-10-01	2019-10-01	2020-06-02	21,11	0,8	0,8	0,8
11			1977-11-03	Mentok	2003-08-25	2015-06-01	2017-04-01	2017-04-01	2017-04-01	2017-04-01	2015-06-01	2020-06-02	16,9	5,0	3,2	3,2
12			1996-01-30	Buleleng	2018-06-01	2018-06-01	2018-06-01	2018-06-01	2018-06-01	2018-06-01	2018-06-01	2020-06-02	2,0	2,0	2,0	2,0

12 Data Out of SLA Ekspor Excel Jumlah Data: 768

A capture of listing all existent employees with their attributes and identities

Rotation Calculator

jenis: system_promotion
Promosi

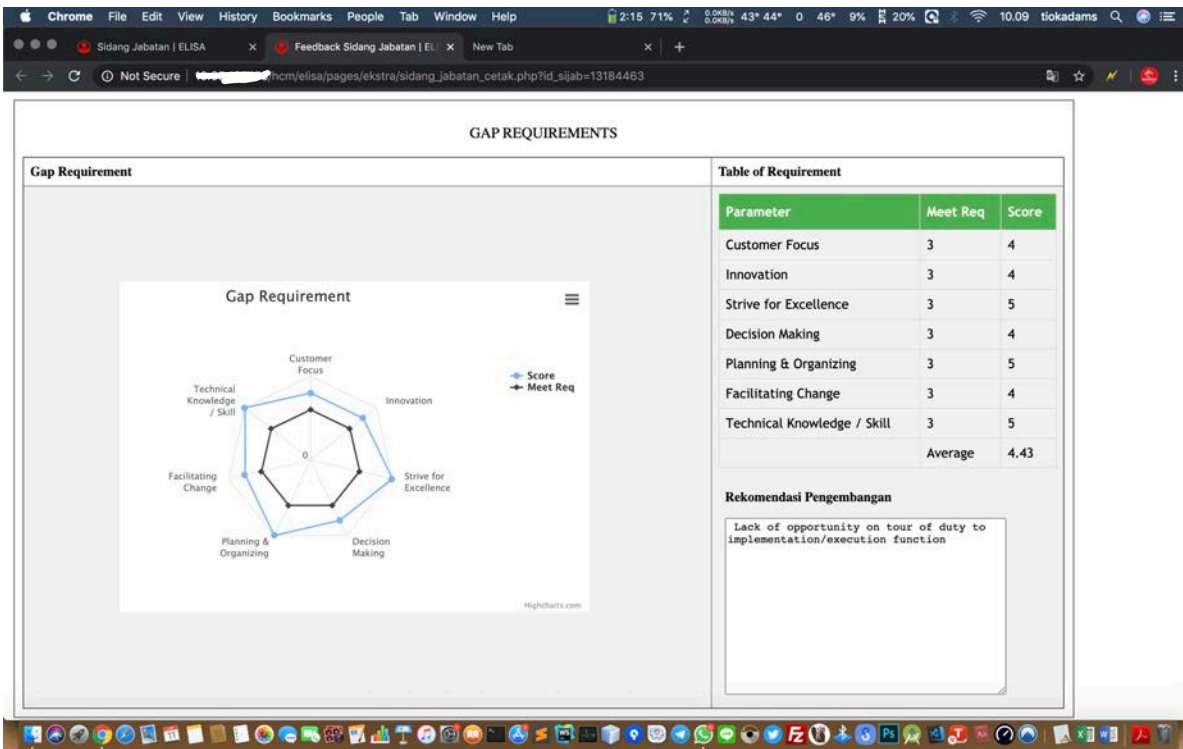
Input a Recommended Job for Employee(s) and Execute it! :

Engineer Datacomm Operation Bali Nusra

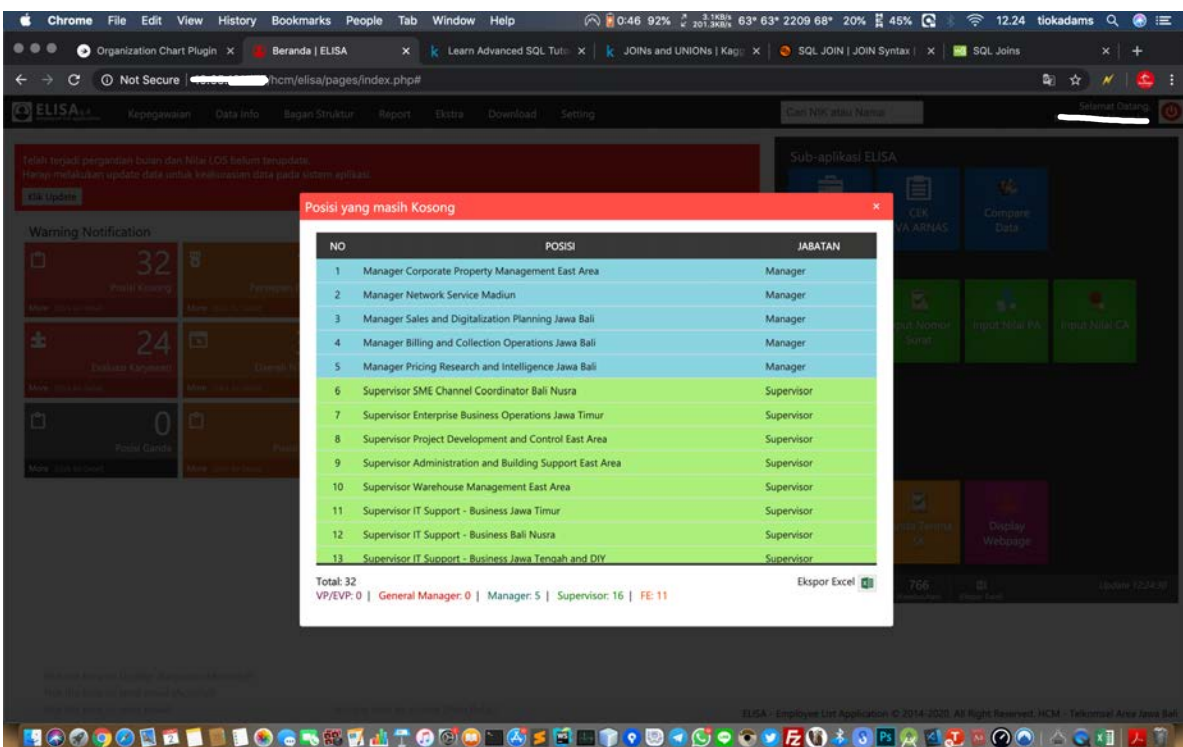
here is prap promotion band posisi = 2.1
Function: S3SF
this is prap for promosi 2
Sub Sub Job Family/function's loading title:Engineer Datacomm Operation Bali Nusra:
fungsinya:Datacomm Operation:

NIK	Name of Employee	STATUS HIPO	Score	TpP	Score	LoS BP	Score	Hasil Sijab	Score	Job Match	Score	ToD Count	Score	SKI	Score	CA	Score	NIK Category	Score	RESULT
		regular	2	4	4	19,4	5	belum sijab	1	Budget and Management Reporting,NGS Admin,Site Management,	2	3	3	2,7	2	3,33	3		1	2,56
		Kandidat HIPO tahun 2017	3	4	4	18,10	5	3,20	3	Core Network Operation,	2	1	2	2,75	2	4,18	4		1	2,89
		Kandidat HIPO tahun 2017	3	7	5	19,4	5	2,40	2	Project Management,RAN Engineering,Resources Operation,	2	3	3	2,775	2	4,28	4		1	3
		regular	2	6	5	17,7	5	belum sijab	1	Core Network Operation,SQA,	2	2	3	2,73	2	4,62	5		1	2,89
		HIPO tahun 2017	4	4	4	14,4	5	3,40	3	Core Network Operation,	2	1	2	2,86	2	4,86	5		1	3,11
		regular	2	5	4	16,6	5	belum sijab	1	Radio, Transport and Power Operation,Resources Operation,	2	2	3	2,635	2	4,36	4		1	2,67
		regular	2	2	3	14,10	5	belum sijab	1	Resources Operation,	2	1	2	2,905	2	4,22	4		1	2,44
		regular	2	4	4	14,1	5	belum sijab	1	Project Support Control and Administration,RAN Engineering,	2	2	3	2,785	2	3,55	3		1	2,56
		Kandidat HIPO tahun 2017	3	4	4	13,9	5	4,40	4	Radio, Transport and Power Operation,Resources Operation,	2	2	3	2,91	2	4,17	4		1	3,11
		KANDIDAT HIPO tahun 2015	3	4	4	13,0	5	belum sijab	1	Core Network Operation,	2	1	2	2,86	2	3,71	3		1	2,56

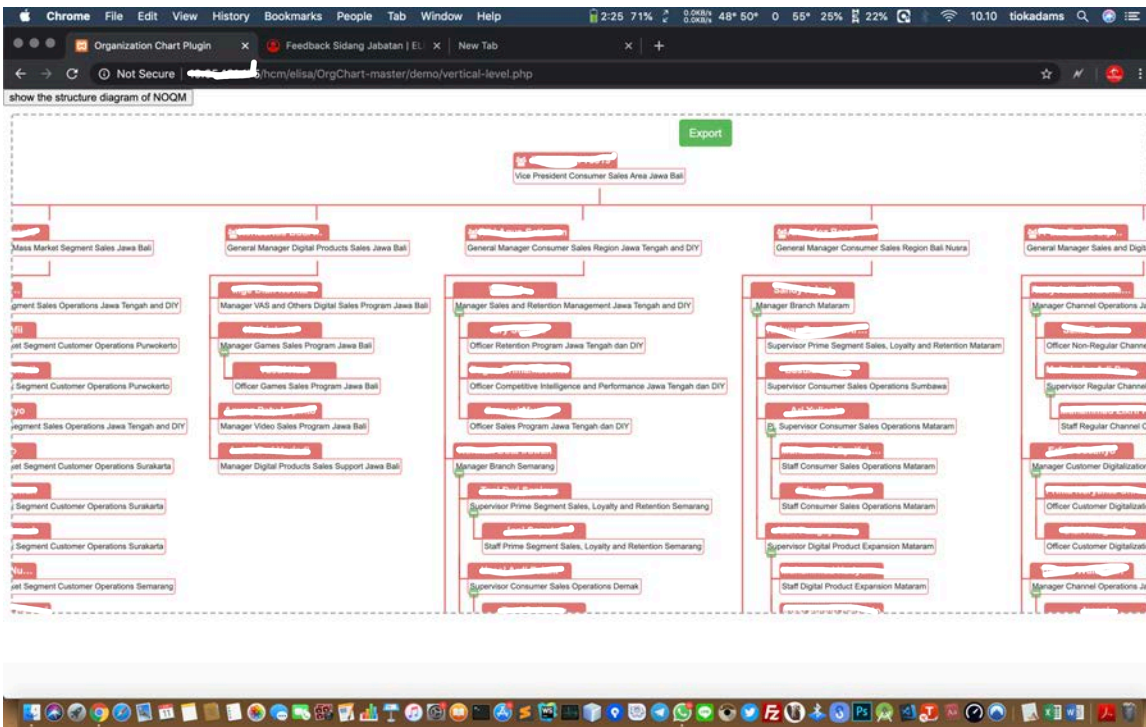
A captured feature for calculating, giving advice and insight, also as a decision-maker based on database evidence of all employees to promote their career's enhancement accessed by Human Capital teams (I used a sort of basic Data Mining like shorting in structured data for scoring. You could see the row with green background represents the candidate to promote and fits in the positions they should be recommended, it was fun did code like that and finally see the results works as well, surely it takes time to keep learning for further-perfection feature)



A capture of page showing one of employee's performance visually



a capture of vacant positions which is done by comparing existent titles of employees to master data provided by Headquarter.

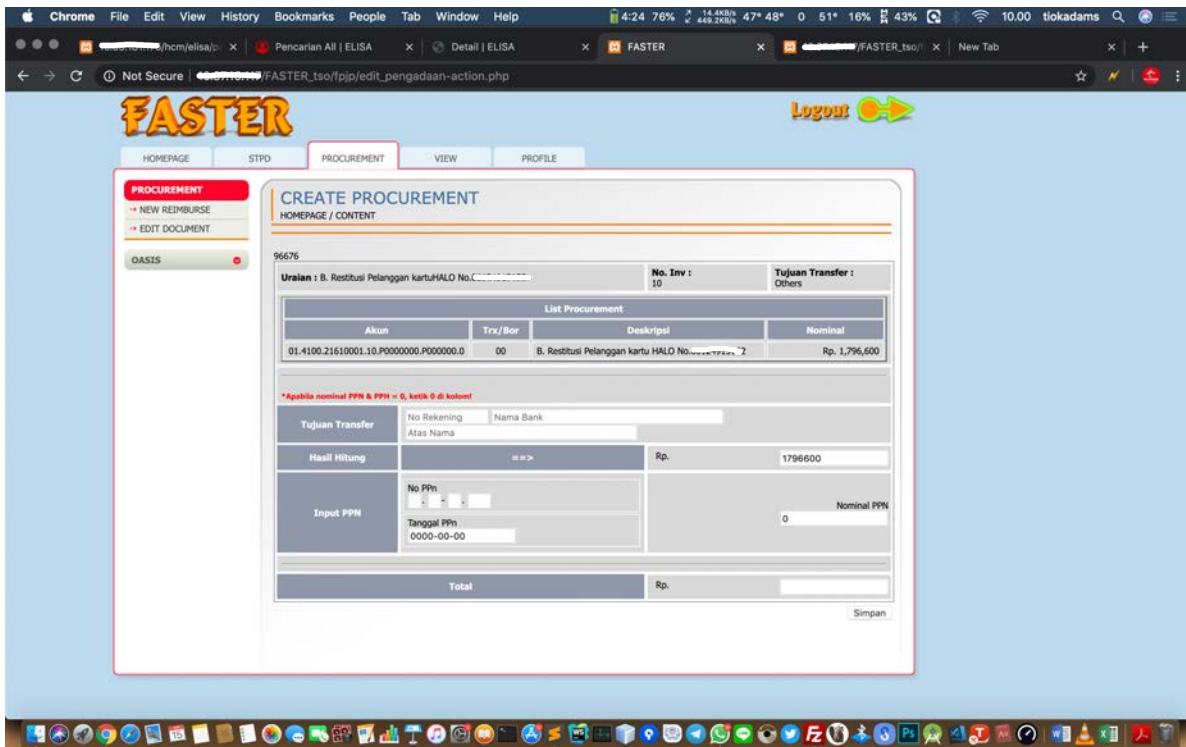


I created a bagan of organisation too, i used and implemented library <https://github.com/dabeng/OrgChart> as reference

5. Ethernet Leased-lines Web Based Application for Financial Transaction in Telkomsel Area Jawa-Bali. It's application namely FASTER

No STPD	Tugas	Tujuan	Berangkat	Kembali	Nominal	Status
6379/STPD/AREA III/2019	Training Hadoop	Kota Denpasar	2019-11-20	2019-11-22	960,000	Approved By GM/VP
6378/STPD/AREA III/2019	Meeting mitra AD dengan Direktur Sales	Kota Kendari	2019-11-11	2019-11-13	1,470,000	Approved By GM/VP
4619/STPD/AREA III/2019	Meeting Kunjungan BOD Kota Makassar	Kota Makassar	2019-09-02	2019-09-06	2,210,000	Approved By GM/VP
4123/STPD/AREA III/2019	Meeting Internal EVP	Makassar	2019-08-06	2019-08-09	2,580,000	Approved By GM/VP
3605/STPD/AREA III/2019	Undangan Meeting Koordinasi Pngamanan Target Juni dan Semester II 2019	Makassar	2019-06-19	2019-06-21	1,470,000	STPD Pending Approval GM Finance

A capture of page showing the last allowances of an employee (I was maintaining, rebuilding and polishing this application)



A captured feature to input for reimbursement to finance division of Telkomsel Area Jawa-Bali

Those are my projects to fulfill portofolio, hope you enjoyed. Thanks for reading 😊 !