

EZ VETERAN



INFO 5100

Application Engineering & Development

Team
Filter Coffee

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250,000

Veterans Leave the Military Every year

60–80%

Left the military without access to adequate higher education, vocational training, access to adequate mental healthcare or employment

What does it mean to leave the Armed Forces?

- Relocating, living independently for the first time
- No access to adequate mental healthcare
- No access to adequate Higher Education
- These major life changes are challenging for military veterans, just as they are challenging for anyone.
- The challenges associated with these changes are not easily studied or represented, in part because they are not captured by medical diagnoses, and in part because it is difficult to draw meaningful lines between physiological, psychological, and social problems.
- Moreover, this stuff of everyday life tends to be overshadowed by veterans' other, more extreme, experiences in combat.





vevo

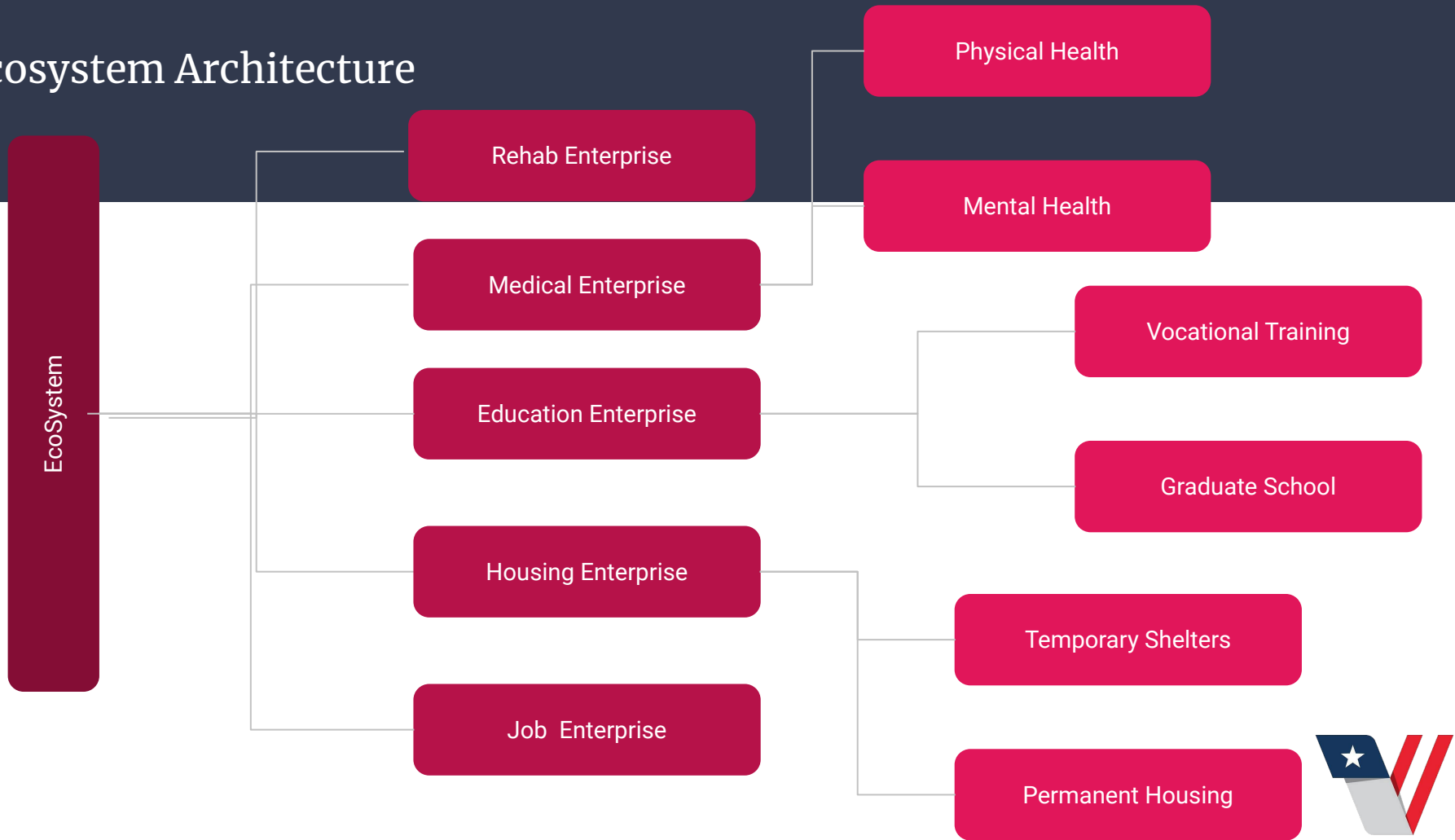
So, what can we do to help this situation?

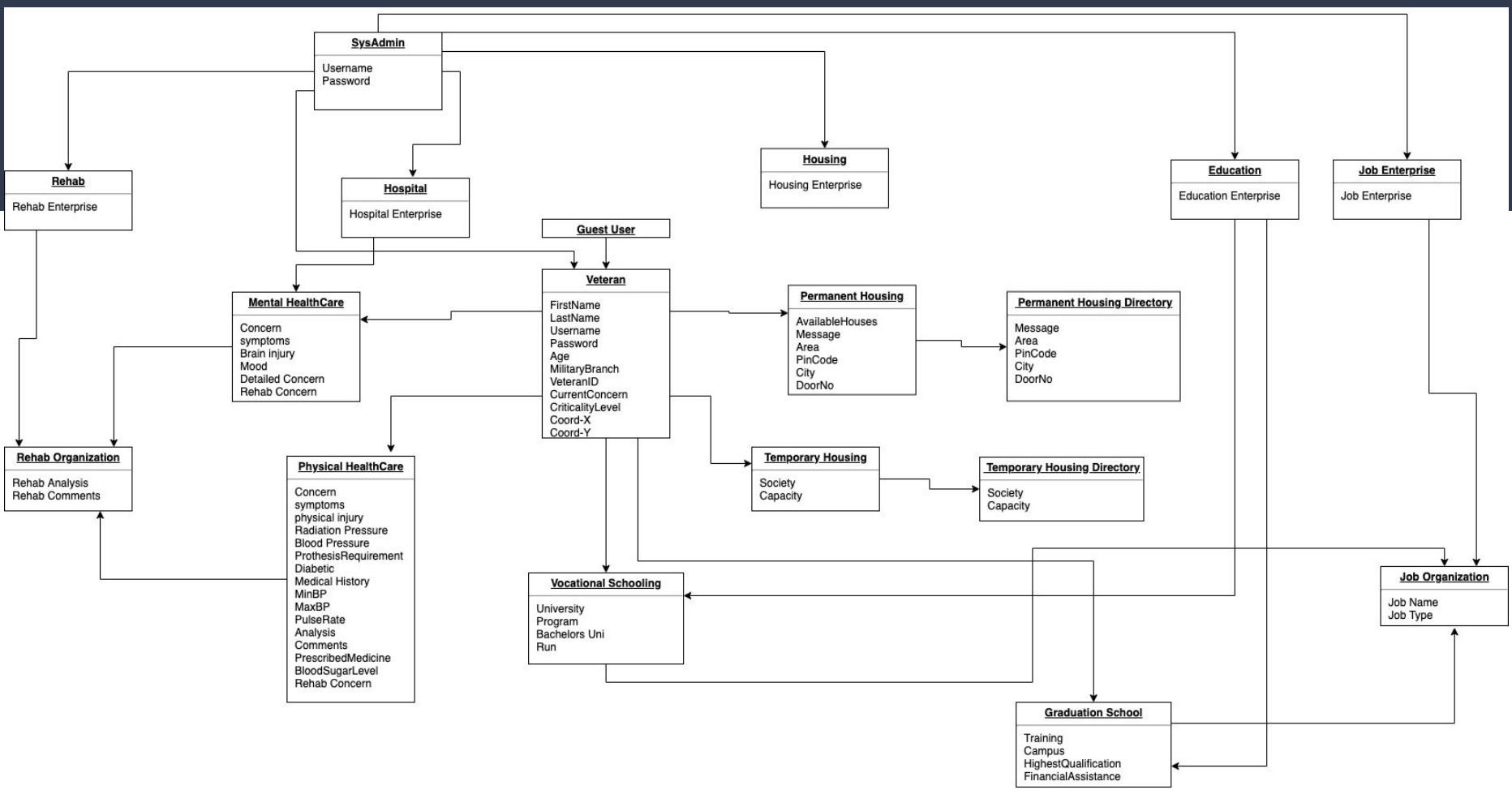


- Develop, design and deploy a multi-party organization that can connect the veteran to one or more organizations
- Incorporate Medical, Education, Employment & Housing Enterprises.
- Multiple organizations under the said enterprises under which the veteran can apply for training, seek medical help etc
- Organizational users can review applications/requests and approve/reject the same - or if required route them to other organizations under a different enterprise



Ecosystem Architecture





Features

1 Ease of Access

User can raise multiple requests, under multiple categories - Medical, Education or Housing. The user can perform all this straight from the User Dashboard

2 Real Time Notifications

User is notified of all requests raised, updates to requests raised - in real time via Notifications delivered through Telegram & Email. Telegram's API and SMTP Protocol has been leveraged to push notifications in real time.

3 Real Time Reporting

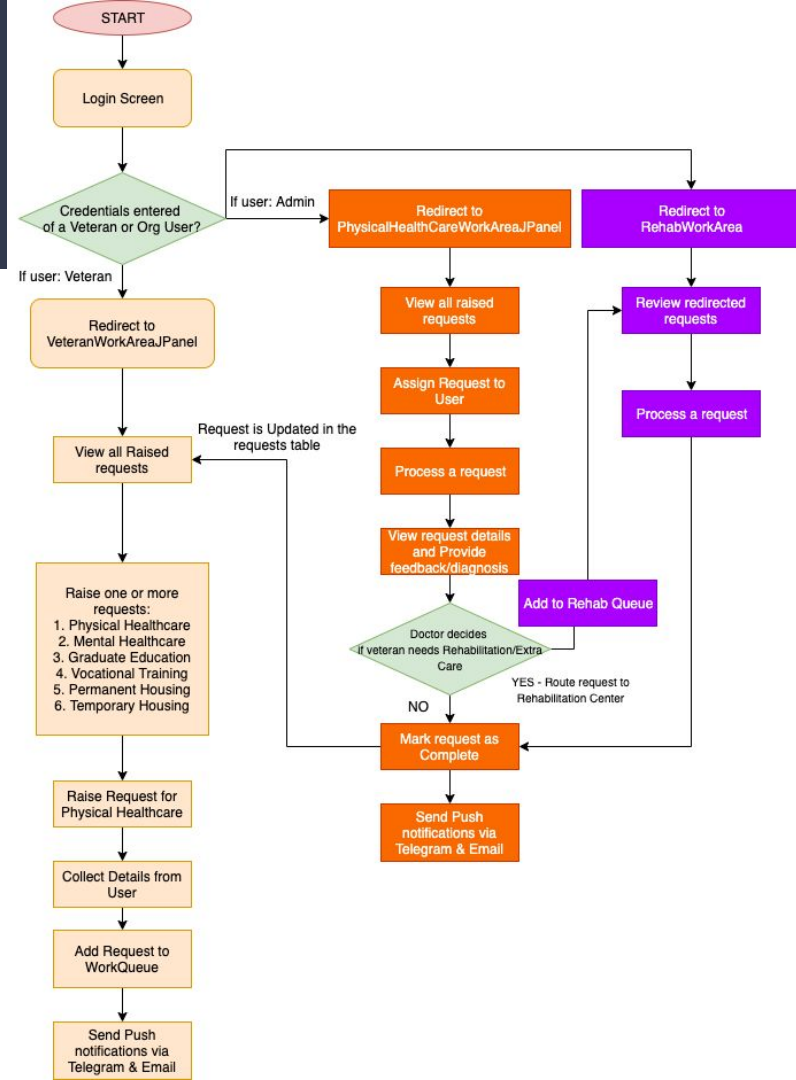
PowerBI has been leveraged to enable real time reporting. The Sysadmin can view the total number of requests raised, requests pending resolutions etc from a Web Browser or Smartphone

4 User Tracking

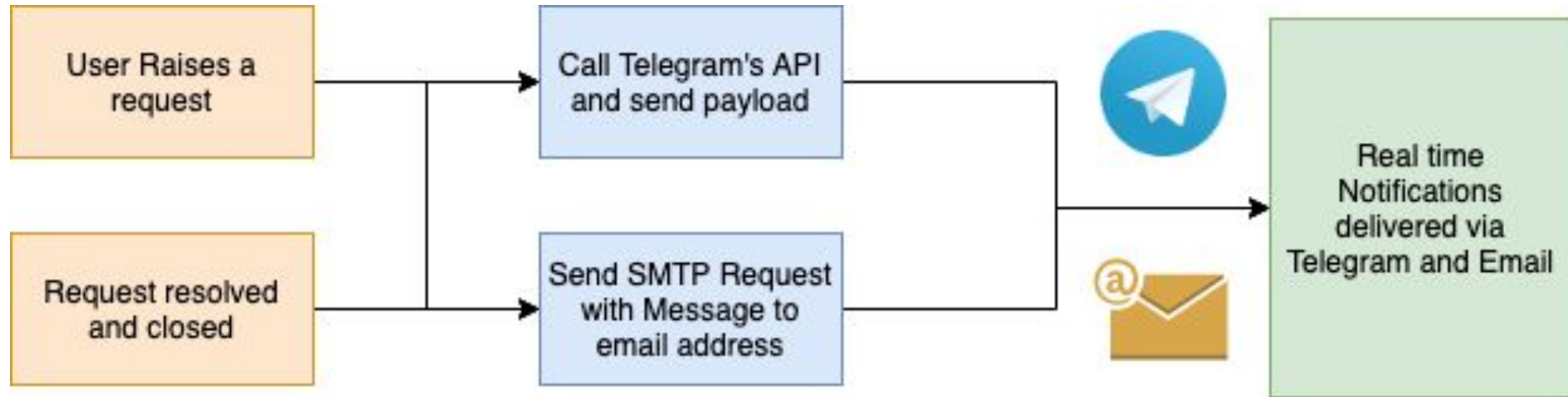
All Admins can view and track the veteran location using a single click. This has been done by using Google Map's API



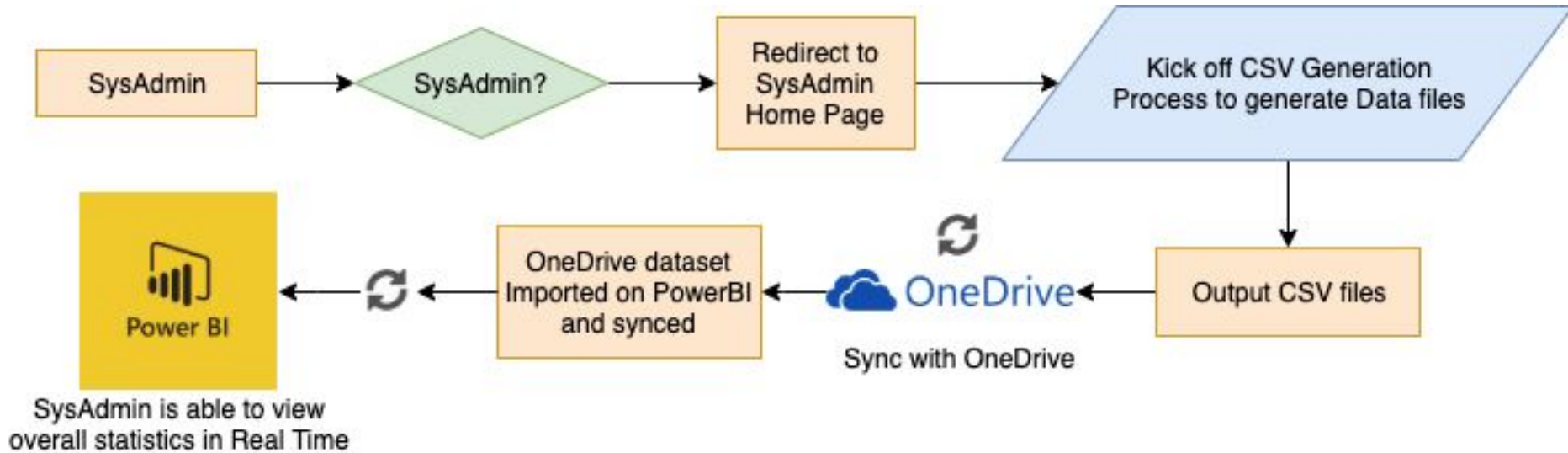
- Veteran initiating a medical request/concern and effective resolution by the doctor.
- The same workflow is applicable to all requests raised between the user & organizations - for example, requesting for Temporary Accommodation or Applying for Higher Education / Vocational Training




Real Time Notifications



Real time Reporting



Screenshots



EZ VETERAN

Username

sysadmin

Password

Login

Logout

Login as Guest

Guest User

Register a Veteran

Enter all veteran details

First Name

Last Name

Address

Military Branch

Age

Gender

Education Details

Veteran ID

Provide Credentials

User Name

Password

Register Veteran

Concerns

State the Current Concern

Criticality Level


Please help us to serve you better.Please enter the possible c...

Co-ord X

Co-ord Y



Screenshots


EZ VETERAN

Username

Password

Login

Logout

Login as Guest

Guest User




Welcome back, a

Plan ahead for higher education, seek medical care or apply for accomocation, all through this portal

Refresh


Get Medical Help



Mental Healthcare Request

Physical Healthcare Request


Apply for Education



Apply for Grad School

Vocational Training

Apply for Housing



Perm Housing Request

Temp Housing Request

My Requests


RequestType	AssignedTo	Status	RequestedOn
Permanent Housing	ph	Completed	Sat Dec 07 22:00...
Mental Healthcare		Sent	Sat Dec 07 22:04...
Grad School		Applied	Sat Dec 07 22:04...

Total Requests Raised

3



Screenshots



EZVETERAN

Username
a

Password
*

Login

Logout

Login as Guest
Guest User

Apply for a Master's Degree

A master's degree typically requires a year and one-half to two years of full-time study. To earn a master's degree you usually need to complete around 36 credits

Start Application

Have you completed High School: ☒

Enter High School Name: Boston Public School

Enter High School CGPA: 4

Have you completed Bachelor's: ☒

Enter University: Seattle Univ

Enter Bachelor's CGPA: 3.8

Choose your concentration: Computer Science

< Back

Get Courses

Submit Application

Based on your Bachelor's Degree in Computer Science, the following courses are recommended
Masters in Computer Science & Masters in Computer Systems Engineering

Choose Desired Program: Masters in Computer Science


Choose University: Arizona State University

Desired Intake: Spring

Additional Information



Screenshots


EZ VETERAN

Username

Password

Login

Logout

Login as Guest

Guest User

Graduate Education - Admin Area

Welcome back, gs. There are 2 unassigned request(s) for review & 2 in your queue.

Overall - Across Organization

3	0	1	2
Total Requests	Total Accepted	Total Rejected	Total Pending

View and track Veterans

My Requests

1	0	1	0
Total Requests	Total Accepted	Total Rejected	Total Pending

Refresh


Bachelor's ...	Sender	Receiver	Status	University	Program	Bachelor's ...	GPA
eq	maheshpr...	gs	Rejected	NJIT	Masters in ...	eq	4
33	a		Applied	Northeaste...	Masters in ...	33	3
NEU	a		Applied	Northeaste...	Masters in ...	NEU	4

Assign to me

Process



Screenshots


EZ VETERAN

Username

Password

Login as Guest

Request for Medical Assistance

Were you ever diagnosed for Mental Healthcare before?

Did you have any physical injury previously?

Do you think you have any of listed Symptoms:

Medical History or condition affected previously

State your concern:


Please Describe your Concern:

Please Check the below which are relevant and enter the Details:

☐ Blood Pressure
☐ Diabetic
☐ Radiation Exposure
☐ Prosthesis Requirement



Screenshots


EZ VETERAN

Username

Password

Login

Logout

Login as Guest
Guest User

Physical Healthcare Dashboard

Welcome back, phc. There are 0 unassigned request(s) for review & 1 in your queue.

Overall - Across Organization

1
Total Requests

0
Total Accepted

1
Total Pending

My Requests

1
Total Requests

0
Total Accepted

1
Total Pending

View and track Veterans

Refresh

Rehab Request List

Veteran Concern	Veteran Name	Rehab Concern	Rehab Report ...
dwdw	ASDF bjk	dwdqwd	wdjkbw

Veteran Request List


Concern	Sender	Receiver	Status	Medical History	Symptoms
dwdw	ASDF bjk	phc	Processing	wd	dwdw

Assign to me

Process



Screenshots


EZ VETERAN

Username
phc

Password

Login

Logout

Login as Guest
Guest User

Back

Process Physical Healthcare Request

Veteran Details

Patient Name: ASDF bjk

Main Concern: dwdw

Symptoms: None

Concern Description: dwdwd

Medical History: wd

Physical Injury: Yes

Radiation Exposure: dwd

Blood pressure: true

Prosthesis Requirement: dwd

diabetic: true

Doctor Analysis

Analysis: Demo

Min BP: 80 Max BP: 100 Pulse Rate: 78

Blood Sugar Level: 123 Body Temperature: 99

Prescribe Medicine:

Doctor Notes and Comments:

☐ Refer and redirect Veteran to Rehab Center

Email ID:

Rehab Redirect

Submit Result



Reporting

<https://app.powerbi.com/view?r=eyJrIjoiZmQxNzRkNDYtYmI2NC00MTMzLWlwZWI0MTRmNzVmYzU3ZDRkIiwidCI6ImE4ZWVjMjgxLWFhYTMTNGRhZS1hYzliLTlhMzk4YjkyMTVINyIsImMiOiN9>

EZVeteran Graduate Applications Dashboard

University

All

Program

All

11

Count of status

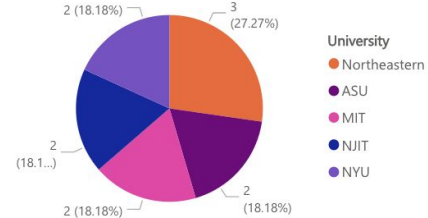
4

Programs

4

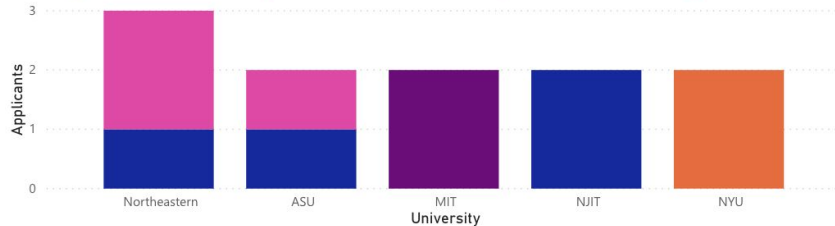
Highest Grade

Applications by University by University

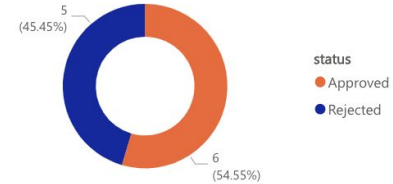


Applicants by University and Program

Program ● Criminal Law Specialization ● Masters in Biomedical Engineering ● Masters in Computer Syst... ● Masters in Power Sy...



Count of status by status



Reporting

<https://app.powerbi.com/view?r=eyJrIjojOGVkdNDFiOGQzMmYyYi00ZTJjLTgyMzQtZjRkMzdiYTFkZjEyIiwidCI6ImE4ZWVjMjgxLWZhYTMTNGRhZS1hYzliLTlhMzk4YjkyMTVINyIsImMiOiN9>

EZVeteran - Overall Stats

6

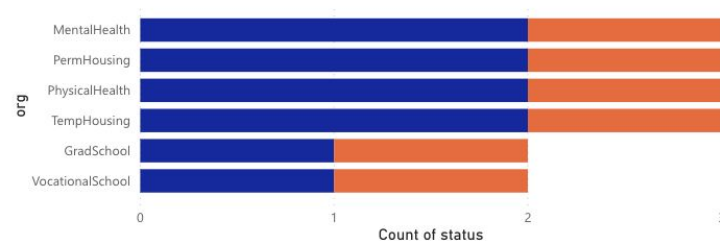
Total Organizations

16

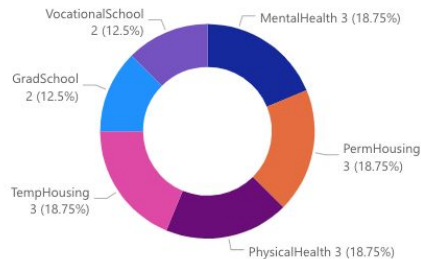
Total Requests

Count of status by org and status

status ● Approved ● Rejected



Count of org by org



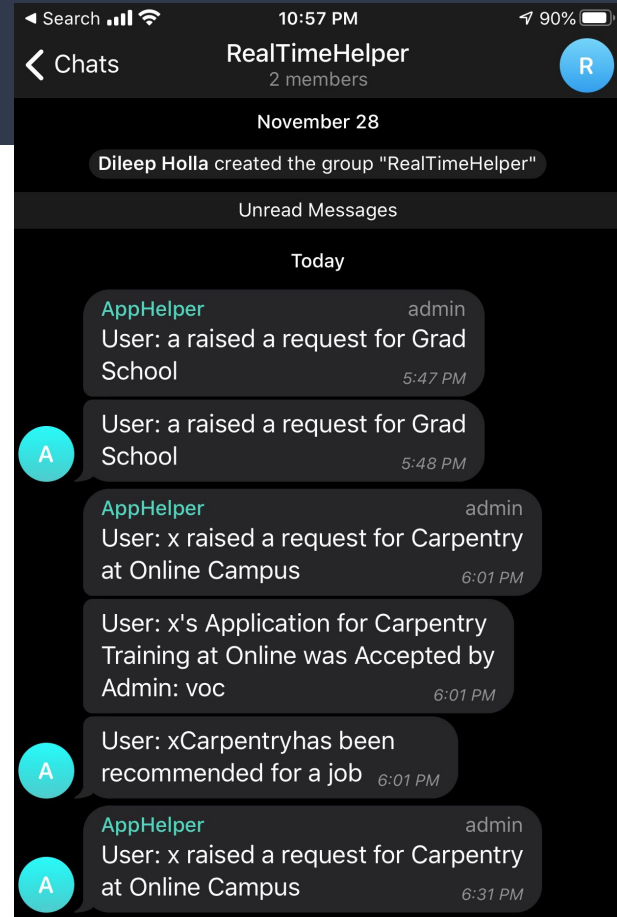
org

- MentalHealth
- PermHousing
- PhysicalHealth
- TempHousing
- GradSchool
- VocationalSchool

org	receiver	sender	requestDate	status
GradSchool	Admin1	A	7/12/19	Approved
GradSchool	Admin1	A	7/12/19	Rejected
MentalHealth	Admin4	D	7/12/19	Approved
MentalHealth	Admin4	D	7/12/19	Rejected
PermHousing	Admin5	B	7/12/19	Approved
PermHousing	Admin5	B	7/12/19	Rejected
PhysicalHealth	Admin3	C	7/12/19	Approved
PhysicalHealth	Admin3	C	7/12/19	Rejected
TempHousing	Admin4	A	7/12/19	Approved
TempHousing	Admin4	A	7/12/19	Rejected
VocationalSchool	Admin2	B	7/12/19	Approved
VocationalSchool	Admin2	B	7/12/19	Rejected



Real Time Notifications



Email Notifications

Request from veteran for PHC : with following details : BodyAcr



donotreply.ezveteran@gmail.com

Hello Doctor, Please consider the following patient with details has requested for PHC: maheshprasad44



donotreply.ezveteran@gmail.com

to me ▼

Hello Doctor,

Please consider the following patient with details has requested for PHC:

maheshprasad4498@gmail.com with description:

Main concern: q

Detailed concern: q

Symptoms : BodyAche



Thank you!

