

# GO ARMY

## INFO 5100

Application Engineering & Development

Team  
**Binge Code**

Team Members  
**Akshata Nanjappa**  
**Drishti Goda**  
**Shivangee Nagar**

# 250,000

**Troops 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 people, 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.



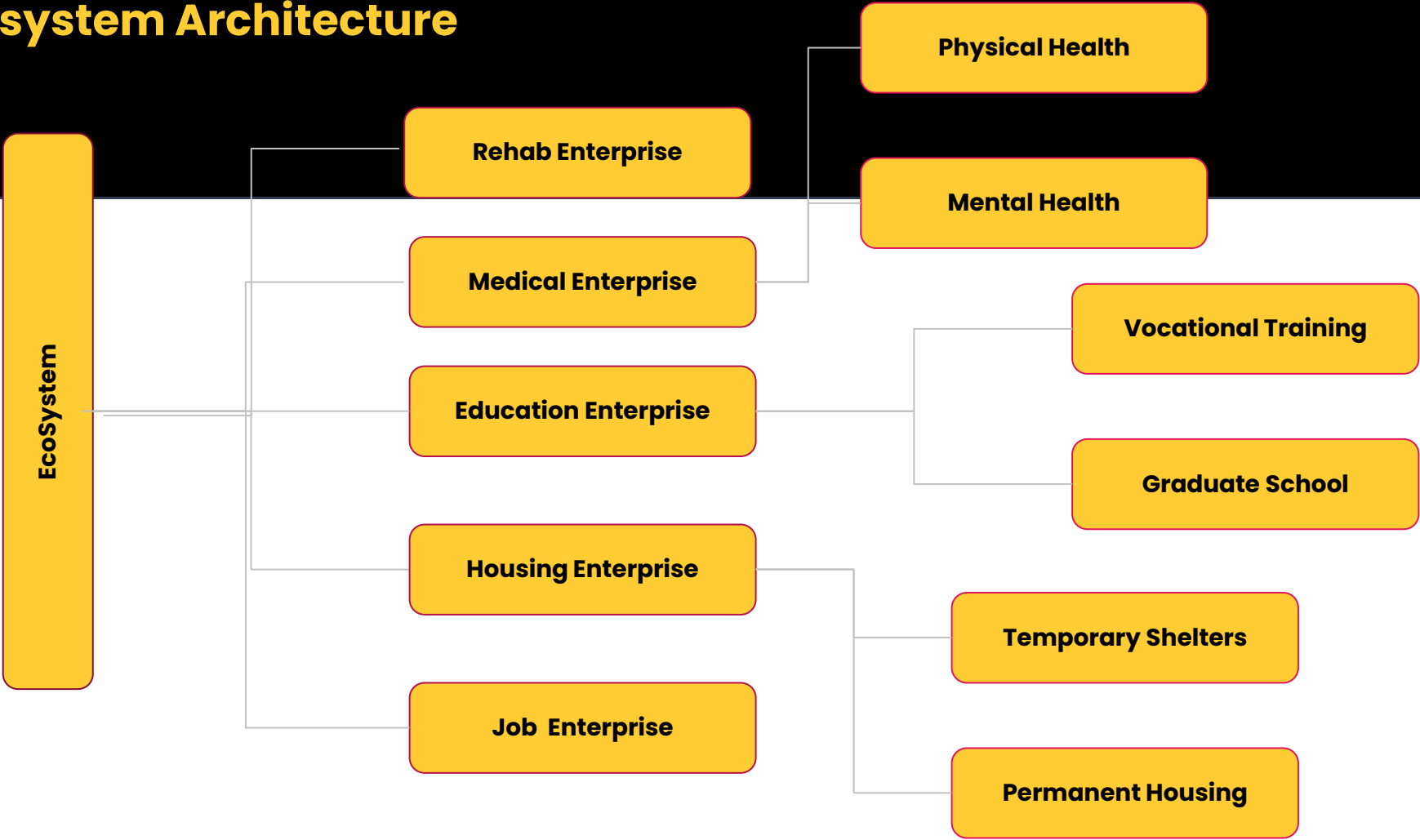
# So, what can we do to help this situation?

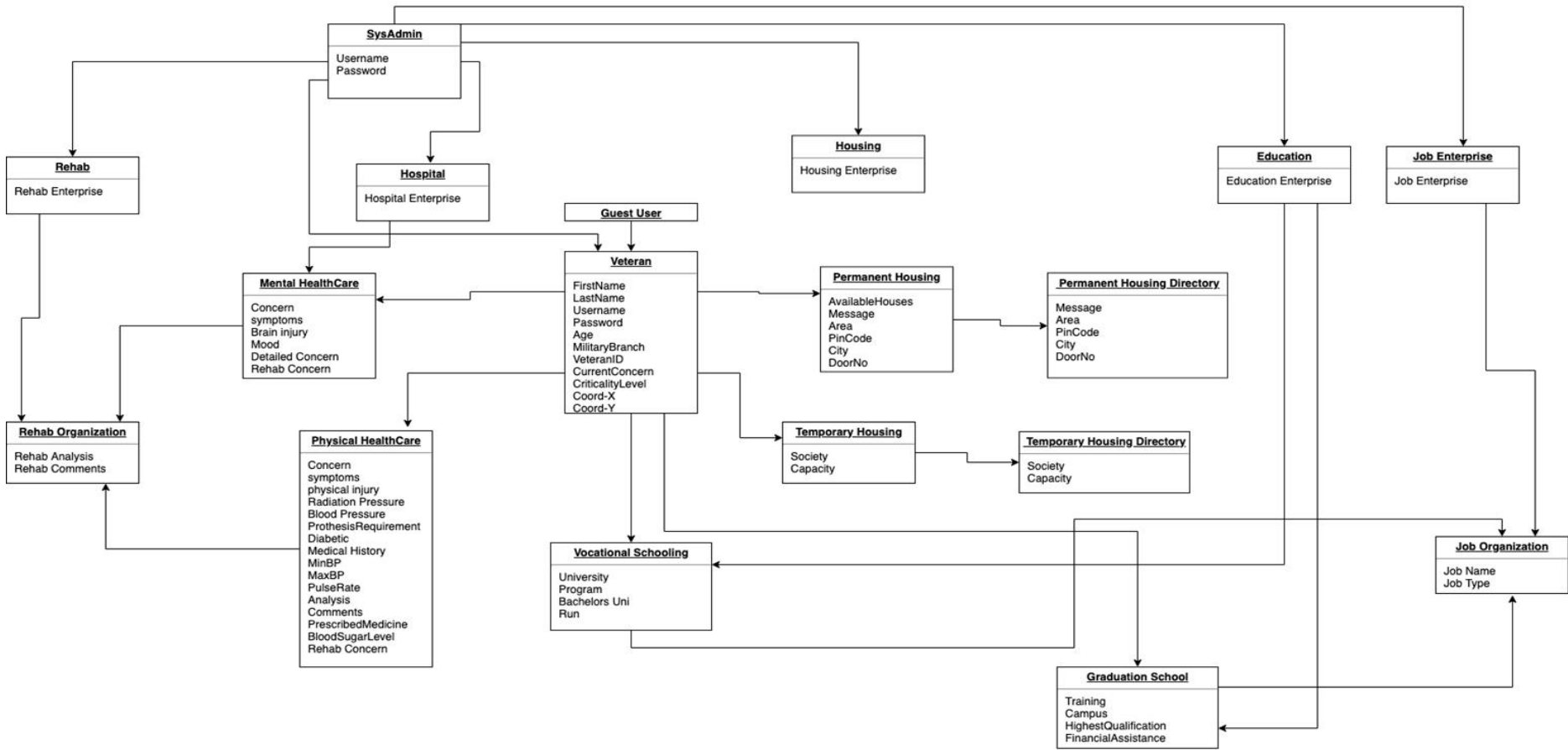


- Develop, design and deploy a multi-party organization that can connect the troop to one or more organizations
- Incorporate Medical, Education, Employment & Housing Enterprises. Multiple organizations under the said enterprises under which the troop can apply for training, seek medical help etc.
- 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





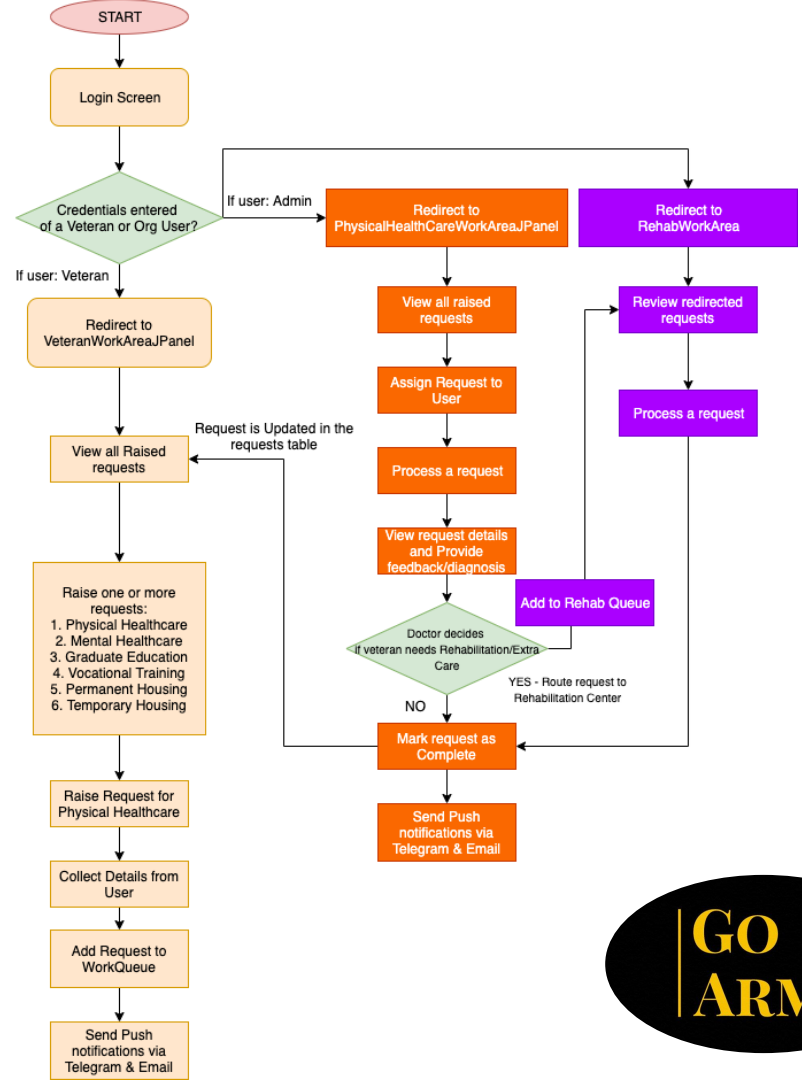
Class Diagram

GO  
ARMY

# User Request Workflow

Troop 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



# Screenshots

The screenshot displays the 'Go Army' web application interface. On the left is a sidebar with the 'GO ARMY' logo, a 'Username' input field, a 'Password' input field, and buttons for 'Login', 'Logout', and 'View Troops'. The main content area has a yellow background and features the 'GO ARMY' logo at the top. Below the logo is the 'Register a Troop' section with the instruction 'Enter all troop details'. This section contains several input fields: 'First Name', 'Last Name', 'Address', 'Military Branch', 'Age', 'Gender' (a dropdown menu currently showing 'Male'), 'Education Details', and 'Troop ID'. At the bottom of this section is a 'Provide Credentials' area with 'User Name' and 'Password' input fields, followed by a 'Register Troop' button. To the right of the registration form is a 'Concerns' section with input fields for 'State the Current Concern', 'Criticality Level', and 'Please help us to serve you better. Please enter the possible c...', along with 'Co-ord X' and 'Co-ord Y' input fields.

**GO ARMY**

**Register a Troop**  
Enter all troop details

First Name

Last Name

Address

Military Branch

Age

Gender

Education Details

Troop ID

**Provide Credentials**

User Name

Password

**Register Troop**

**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



Username

Password

Login

Logout


View Troops

## Welcome back, cool

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

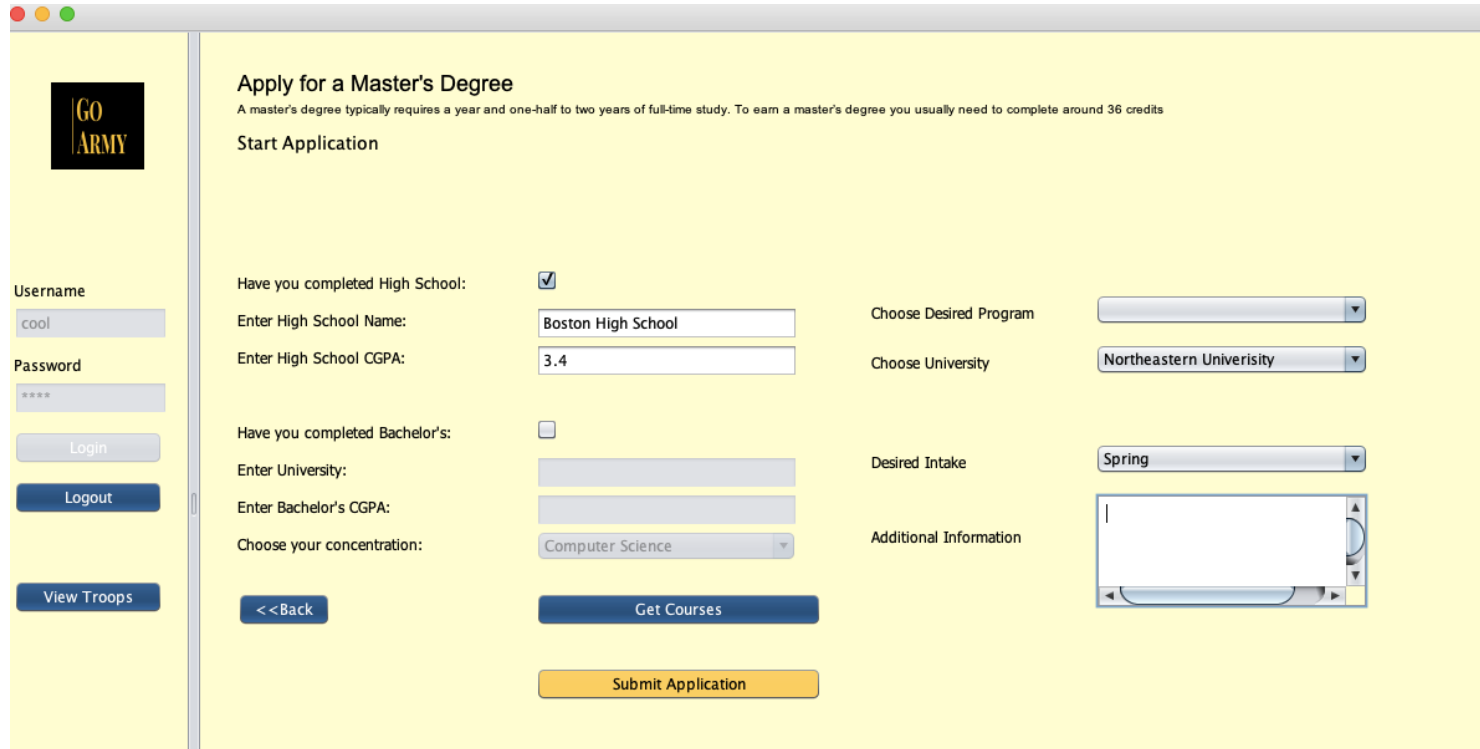
RequestType	AssignedTo	Status	RequestedOn
Mental Healthcare	ment	Processing	Sun Dec 12 01:5...
Physical Healthcare	phy	Processing	Sun Dec 12 01:5...
Grad School	grad	Accepted	Sun Dec 12 01:5...
VocationalTraining	voc	Accepted	Sun Dec 12 01:5...
Permanent Housing	perm	Accepted	Sun Dec 12 01:5...
Temp Housing	temp	Accepted	Sun Dec 12 01:5...
VocationalTraining	voc	Processing	Sun Dec 12 02:1...

### Total Requests Raised

7



# Screenshots



The screenshot shows a web application window with a yellow background. On the left is a sidebar with the 'GO ARMY' logo and navigation buttons: 'Login', 'Logout', and 'View Troops'. The main content area is titled 'Apply for a Master's Degree' and includes a sub-header 'Start Application'. Below this, there are two sections for user input. The first section, 'Have you completed High School:', has a checked checkbox and three input fields: 'Enter High School Name:' (containing 'Boston High School'), 'Enter High School CGPA:' (containing '3.4'), and 'Choose Desired Program:' (a dropdown menu). The second section, 'Have you completed Bachelor's:', has an unchecked checkbox and three input fields: 'Enter University:', 'Enter Bachelor's CGPA:', and 'Choose your concentration:' (a dropdown menu showing 'Computer Science'). To the right of these sections are two more dropdown menus: 'Choose University' (showing 'Northeastern University') and 'Desired Intake' (showing 'Spring'). At the bottom right is a text area for 'Additional Information'. At the bottom center are three buttons: '<<Back', 'Get Courses', and 'Submit Application'.

**GO ARMY**

**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:

Enter High School CGPA:

Choose Desired Program:

Choose University:

Have you completed Bachelor's: ☐

Enter University:

Enter Bachelor's CGPA:

Choose your concentration:


Desired Intake:

Additional Information:

[<<Back](#) [Get Courses](#) [Submit Application](#)



# Screenshots



Username

Password

Login

Logout

View Troops

## Graduate Education - Admin Area

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

Overall - Across Organization

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

[View and track Veterans](#)

My Requests

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

[Refresh](#)

Bachelor's ...	Sender	Receiver	Status	University	Program	Bachelor's ...	GPA
qwerty	cool	grad	Accepted	NYU	Masters in ...	qwerty	3.6

[Assign to me](#) [Process](#)



# Screenshots

The screenshot shows a web application window titled "Request for Mental Healthcare". On the left is a sidebar with the "GO ARMY" logo, a login section with fields for "Username" (containing "cool") and "Password" (masked with "\*\*\*\*"), and buttons for "Login", "Logout", and "View Troops". The main content area has a title "Request for Mental Healthcare" and several form fields: "Have you availed Mental Health Services before:" with a dropdown menu set to "Yes"; "Did you have brain injury previously?" with a dropdown menu set to "Yes"; "Do you think you have any of listed Symptoms:" with a dropdown menu set to "None"; "List any medication that you are on:" with a text input field containing "Ibuprofen"; and "State your concern" with a text input field containing "Headaches". To the right of these fields is a larger text area labeled "Enter any additional information that you feel is necessary to aid your diagnosis" containing the text "None at the moment". Below the medication field is a "Describe your Mood:" section with a text area containing "Headaches that feel like migranes that occur". At the bottom are two buttons: "<<Back" and "Request Mental Healthcare".

**GO ARMY**

Username  
cool

Password  
\*\*\*\*

Login

Logout

View Troops

### Request for Mental Healthcare

Have you availed Mental Health Services before: Yes

Did you have brain injury previously? Yes

Do you think you have any of listed Symptoms: None

List any medication that you are on: Ibuprofen

State your concern: Headaches

Describe your Mood: Headaches that feel like migranes that occur

Enter any additional information that you feel is necessary to aid your diagnosis: None at the moment

<<Back Request Mental Healthcare



# Screenshots

The screenshot shows a Gmail interface. At the top left is the Gmail logo. Below it is a 'Compose' button. The left sidebar contains a list of folders: 'Inbox' (3,647), 'Starred', 'Snoozed', 'Sent', 'Drafts' (31), 'Emirates', 'Northeastern Univer...' (9), and 'University update'. Below these are 'Meet' and 'Hangouts' sections. The main area displays an email from 'goarmyaed@gmail.com' with the subject 'Request for Veteran Rehab : cool cool'. The email body contains a request for a veteran's rehab, mentioning symptoms like migranes and the need for ibuprofen. The email is marked as 'Inbox' and has a 'Reply' and 'Forward' button at the bottom.

**Gmail**

Search mail

Compose

**Inbox** 3,647

- Starred
- Snoozed
- Sent
- Drafts** 31
- Emirates
- Northeastern Univer...** 9
- University update

**Meet**

- New meeting
- Join a meeting

**Hangouts**

- Drishti

**Request for Veteran Rehab : cool cool** Inbox x

**goarmyaed@gmail.com**  
to me

Hello Rehab Employee ,  
Please consider the following veteran for Rehab :  
cool cool with description:  
Main concern: qwerty  
Detailed concern:  
Symptoms : qwerty  
I further request this veteran for Rehab Living to improve his health due to his substance abuse :  
because I believe he is suffering : Migrane  
comments : Need to get on Ibuprofen for the headaches.

Regards

Reply Forward



**Thank you!**

