INFO 5100

APPLICATION ENGINEERING & DEVELOPMENT

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GradHub

Supporting Underprivileged College Students

- GradHub is a dedicated platform with a mission to empower underprivileged college students.

- The aim is to break down barriers and ensure that every underprivileged college student has equal access to essential services, fostering a path to success.

- Our platform is committed to providing a comprehensive support system for students facing economic challenges during their academic journey.

The Importance of Support

- Access to essential services is a fundamental right. Yet, many underprivileged college students face obstacles that hinder their access to healthcare, housing, part-time jobs, and education.

- By addressing these challenges, we aim to create an environment where students can focus on their studies without the burden of unmet needs
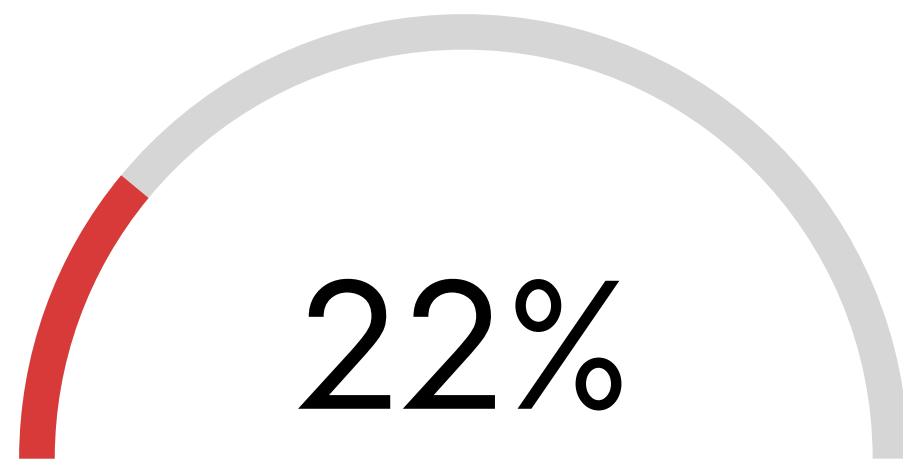
Limited Access to Healthcare:

27%
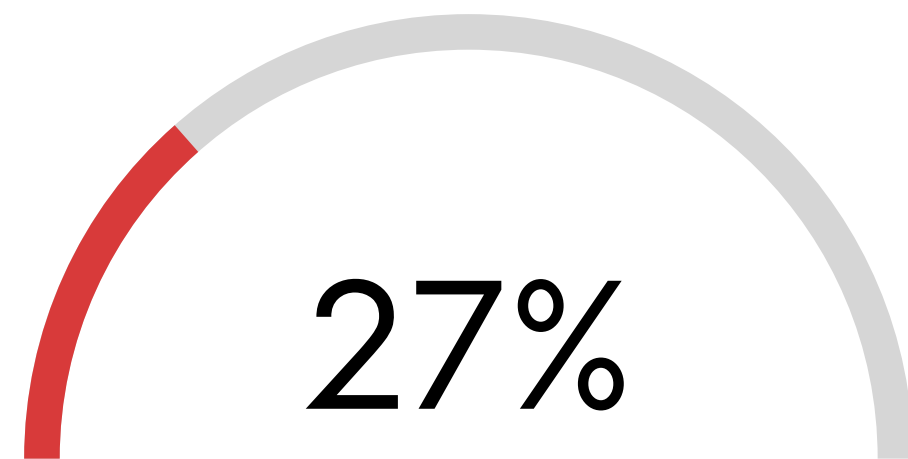
- 27% of underprivileged college students face challenges in accessing affordable healthcare.

- Lack of healthcare resources contributes to health disparities, affecting both physical and mental well-being.
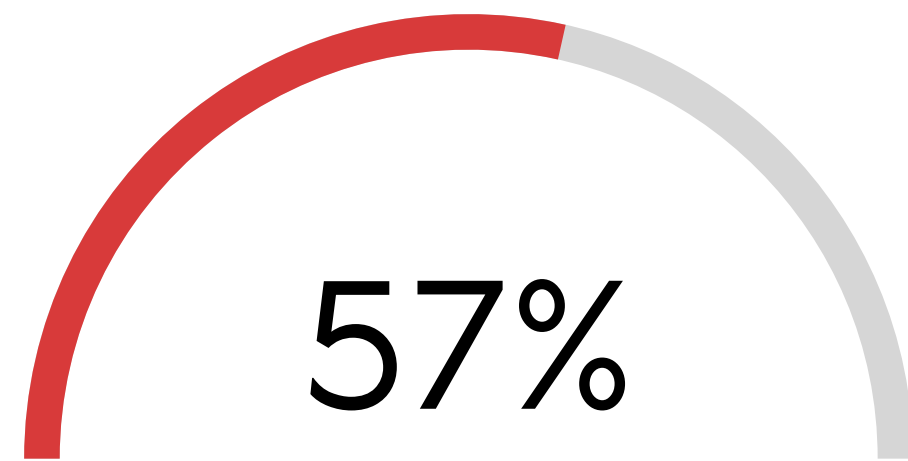
Inadequate Housing:

22%

- 22% of underprivileged college students experience housing insecurity or homelessness.

- Unstable housing situations negatively impact students' ability to focus on academics and hinder overall stability."

Unemployment and Job Scarcity:

57%

- 57% of underprivileged college students struggle to secure part-time employment.

- Limited job opportunities lead to financial stress and may force students to prioritize work over studies.

Job Opportunities

Key Features

- Job portal connects the students with local part-time job opportunities.

- This helps in Skill-building resources to enhance employability and reduce the financial stress on them.

- The students can also find full time jobs leter on.

Housing Support

- A student can request for an off-campus housing.

- A List of affordable housing options near college campuses are presented and assigned to the student.

- Both temporary and permanant housing solutions are offered to students.
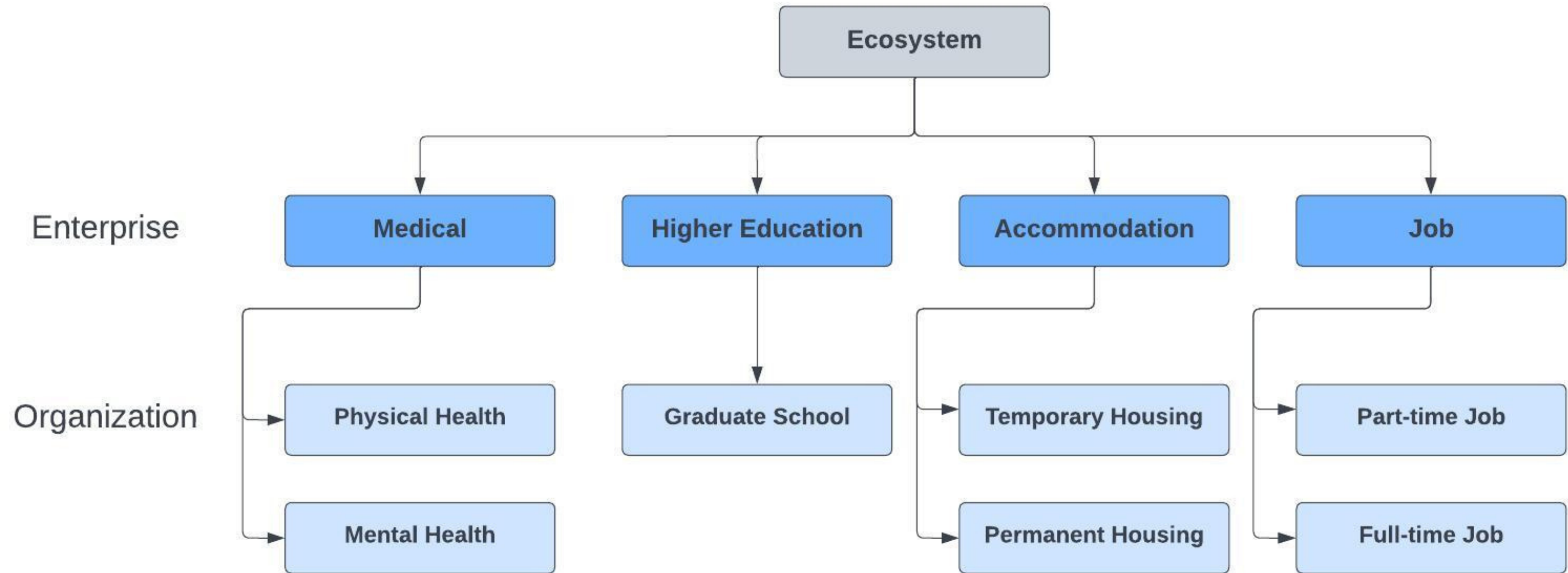
Key Features

Higher Education Learning

Key Features

- Students can continue their education and get a Graduate degree.
- Students who could not continue their educatoin due to financial restraints can now graduate with a Masters degree.

Ecosystem Architecture

Object Model
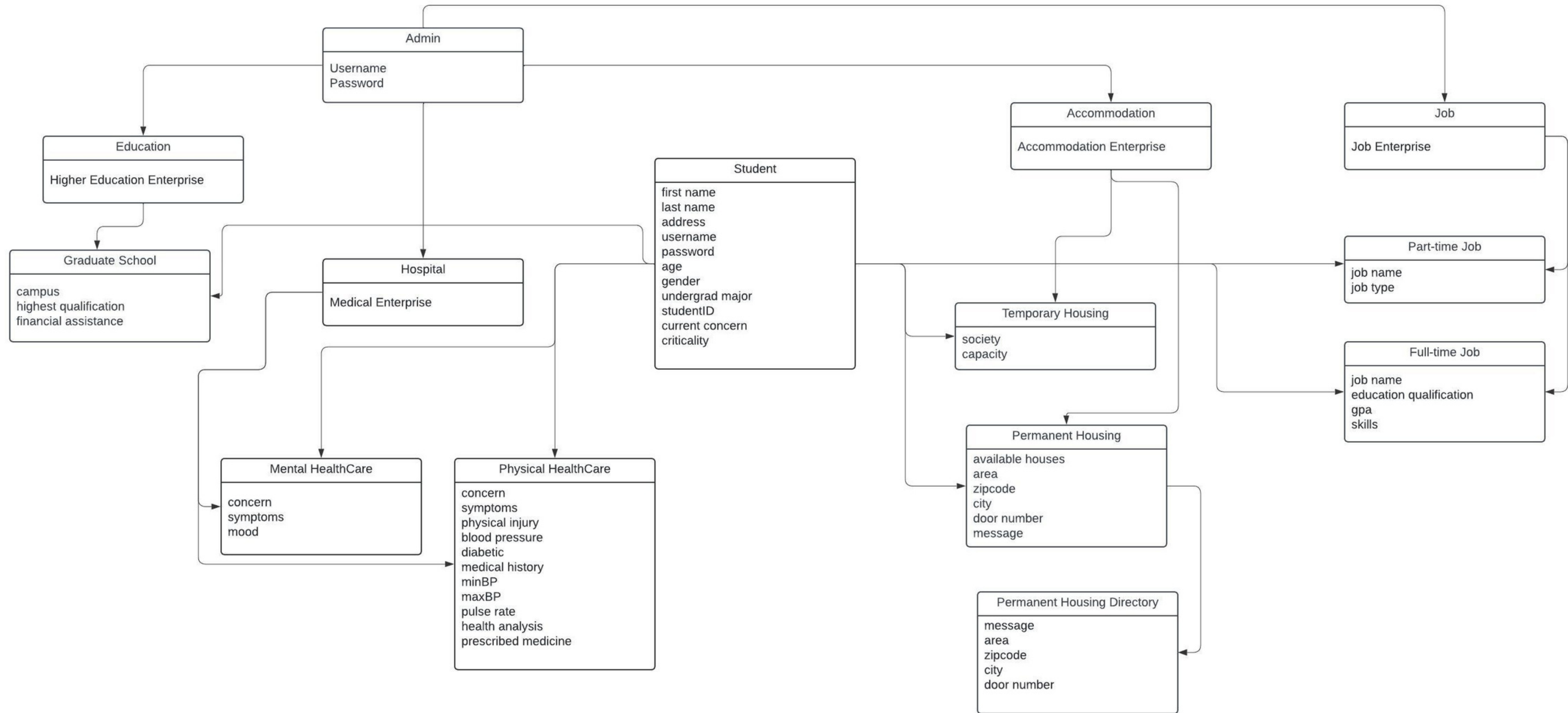
User Flow Model
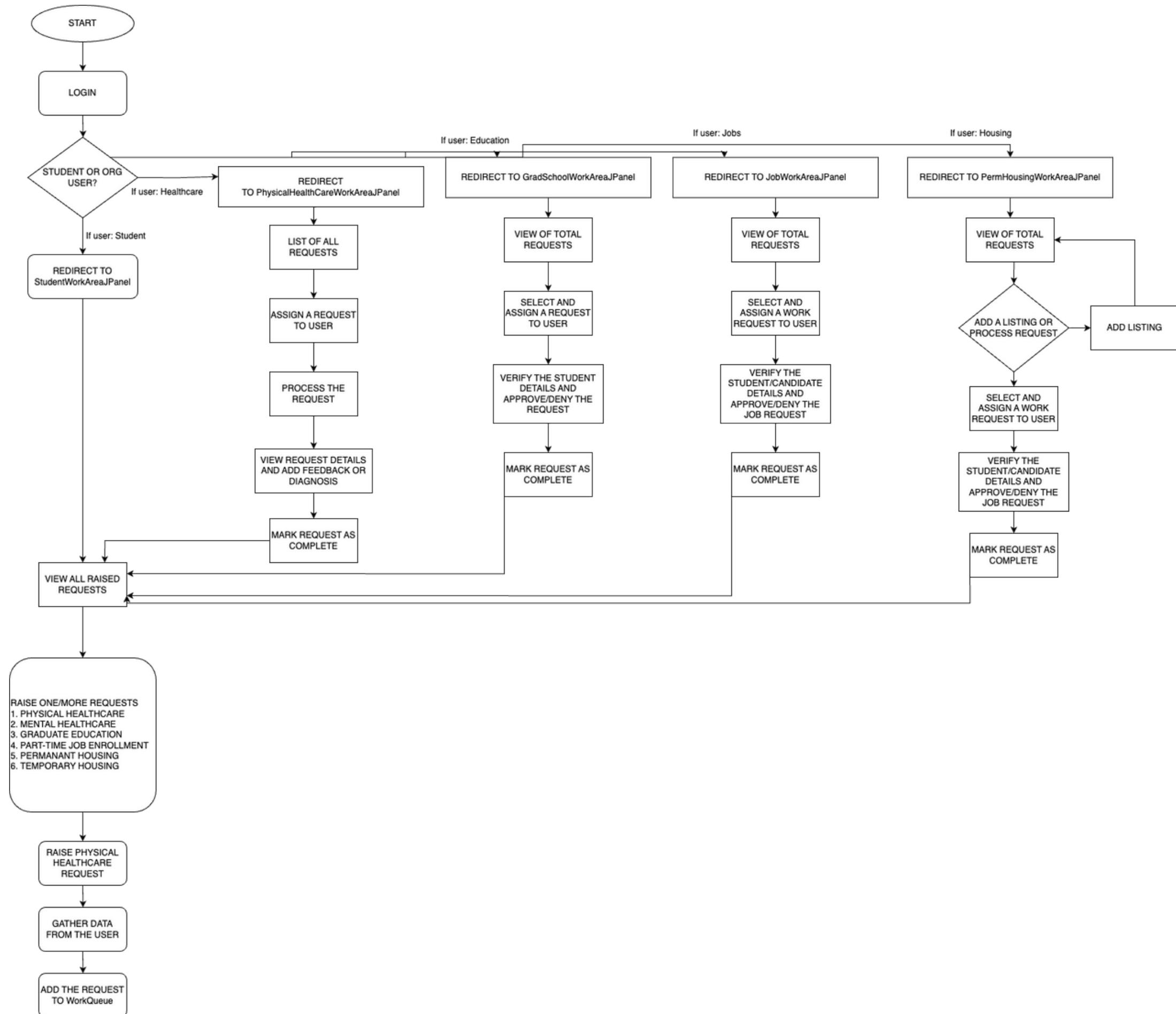
Screenshot - Main Login page

Screenshot - Enterprise Registration

Screenshot - Student registration

Register a Student

Details

First Name

Last Name

Address

Undergrad Major

Age

Gender   Male

Education Details

Student ID

Credentials

User Name

Password

Register

<< Back

Screenshot - Physical Health Checkup Request

Process Physical Healthcare Request

Student Details

Student Name:	jLabel5
Main Concern:	jLabel2
Symptoms	jLabel10
Concern Description:	jLabel7
Medical History	jLabel8
Physical Injury:	jLabel9
Radiation Exposure:	jLabel15
Blood pressure	jLabel13
Prosthesis Requirement	jLabel17
diabetic	jLabel13

Doctor Analysis

Analysis

Min BP   Max BP   Pulse Rate

Blood Sugar Level   Body Temperature

Prescribe Medicine

Doctor Notes and Comments

Email ID

Submit Result

Back

Screenshot - Mental Health Checkup Request

Mental Healthcare Dashboard

Refresh

Overall - Across Organization

Total Requests   Total Accepted   Total Pending

View Students

My Requests

Total Requests   Total Accepted   Total Pending

Veteran Request List

Concern	Sender	Receiver	Status	Medical History	Symptoms

Assign to me   Process

Screenshot - Mental Health Care Dashboard
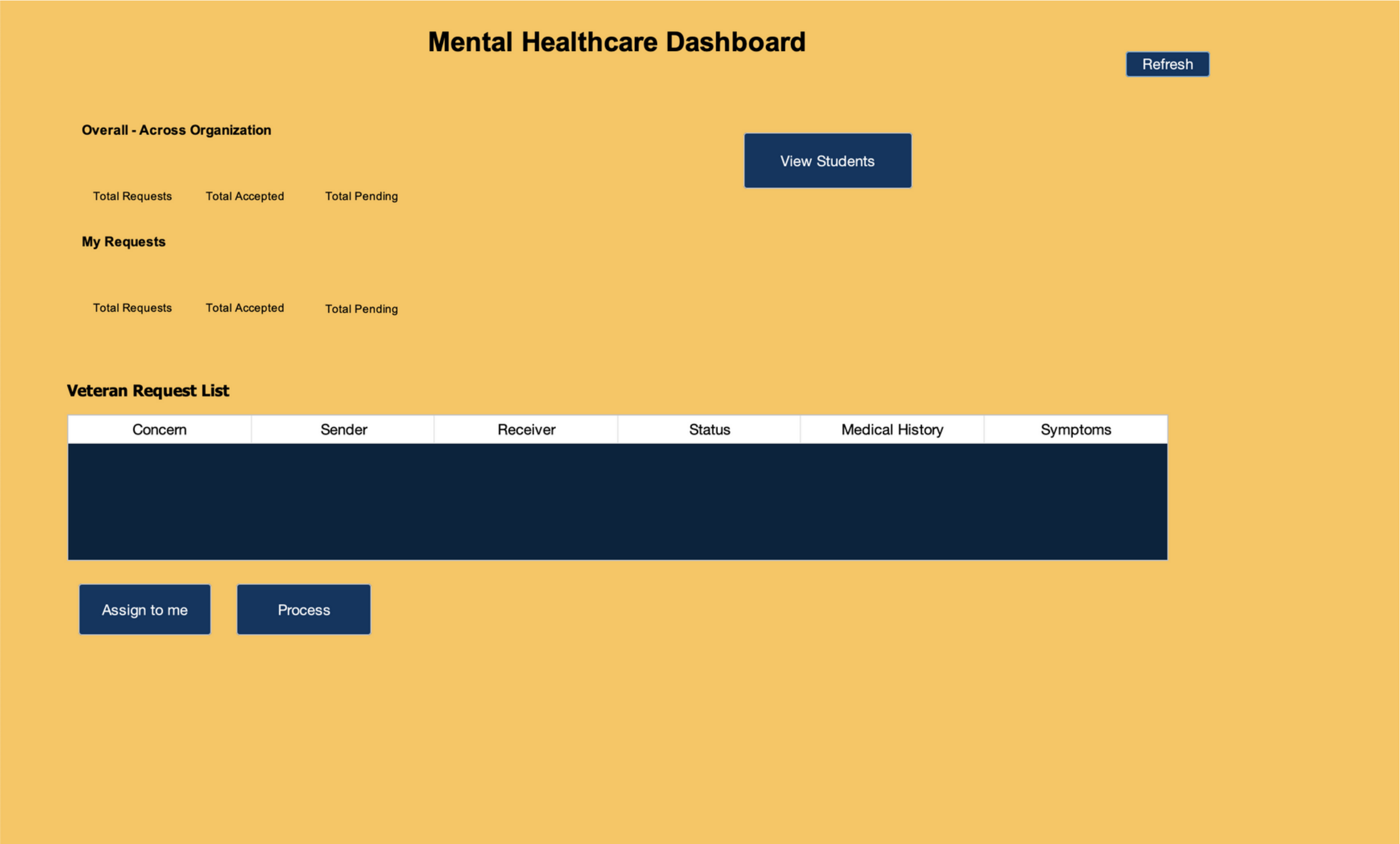
Screenshot - Job Dashboard

Job

Refresh

View Students

Overall - Across Organization

Total Requests   Total Accepted   Total Rejected   Total Pending

My Requests

Total Requests   Total Accepted   Total Rejected   Total Pending

message	Sender	Receiver	Status	Course	Highest Gra...	Campus

Assign to me   Process
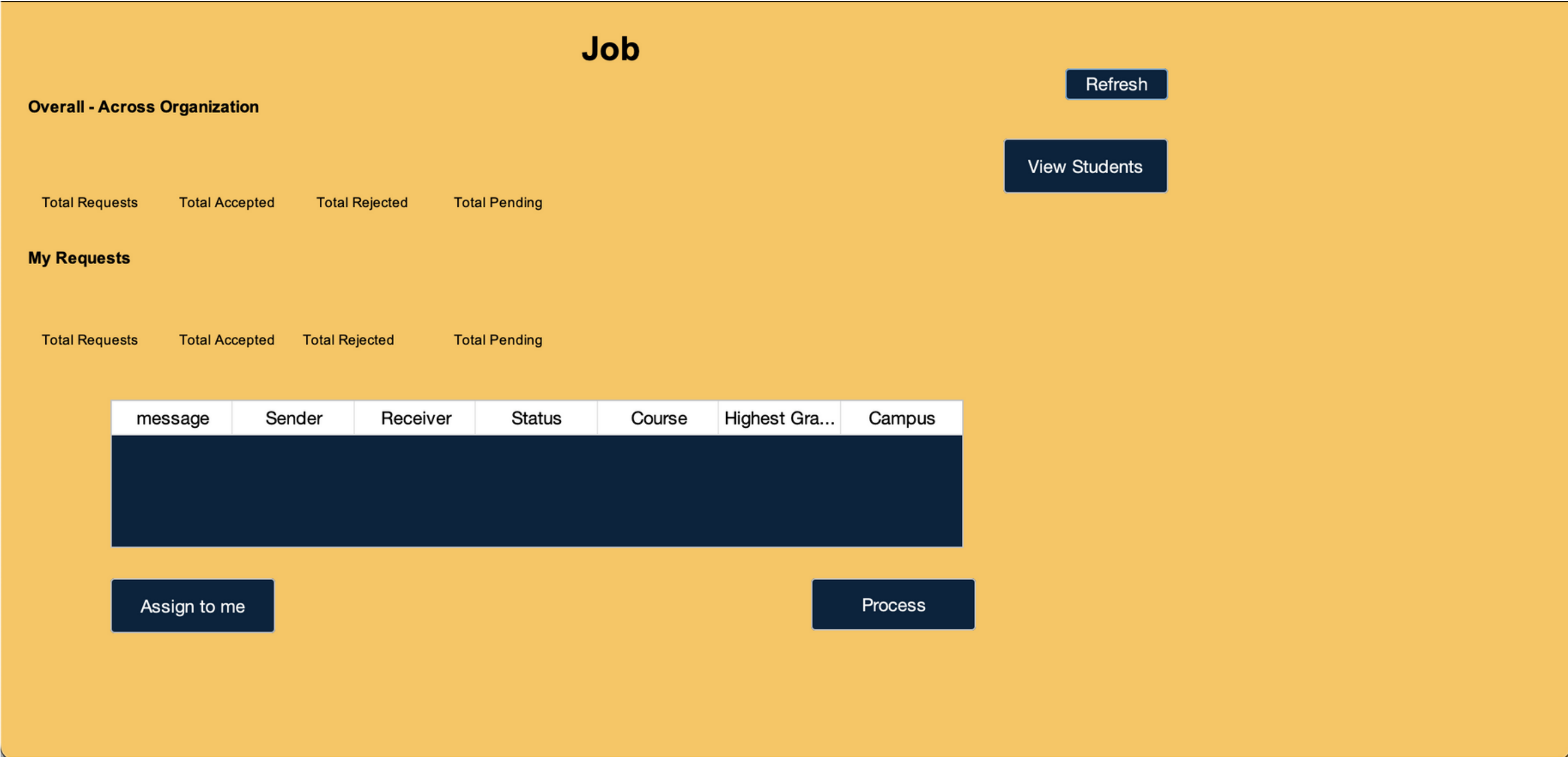
Screenshot - Job Request Queue

Screenshot - Housing Dashboard

Permanent Housing Work Area

Refresh

Overall - Across Organization

Total Requests   Total Accepted   Total Rejected   Total Pending

My Requests

Total Requests   Total Accepted   Total Rejected   Total Pending

View Student

Available Houses :

Message	Sender	Receiver	Area	City	Door Num...	Pin Codel	Status

Assign to me   Process

Add Listing

Screenshot - Education Dashboard

Education

Overall - Across Organization

View Students

| Total Requests | Total Accepted | Total Rejected | Total Pending |

Refresh

My Requests

| Total Requests | Total Accepted | Total Rejected | Total Pending |

Bachelor's ...	Sender	Receiver	Status	University	Program	Bachelor's ...	GPA

Assign to me

Process

Screenshot - Education Work Queue

Applicant Details

High School Information

Seeking Admission for:

Bachelor's Degree Information

Accept

Reject

Back

Screenshot - Report

Login

Username

sysadmin

Password

****

Login

Logout

SignUp

ENTERPRISE

Enterprise Name	Region	Username	Role
hospital1	fenway	hosp1	Business.Role.AdminRole
housing1	fenway	hous1	Business.Role.AdminRole
education1	fenway	educ1	Business.Role.AdminRole
job1	fenway	jobs1	Business.Role.AdminRole

STUDENTS

Student Name	Student ID	Age	Gender
John	10	20	Male

<< Back

Thank You