University Messaging System

Team Name : Panda

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University Messaging System

University Messaging System is a web-based communication system designed to help students and faculty to communicate with each other and with a group.

Users who require access to the system should be registering on the registration page. The request shall be forwarded to the Administrator for the final decision.

Approved users shall be able to login to the system, send, view and receive messages.

What changed since midterm

Initial mockup screens were developed using paint and now html pages development completed.

Analysis and Design is completed.

Most of the code is completed.

Front-end to backed interaction is completed.

Change Management

- Training

This is a browser-based application and people can be trained over skype or zoom meeting.Users can access the application during the training and register for access. The respective requests will be approved and they shall be able to login to the application. Application documentation with help screenshots shall be available for them for reference.
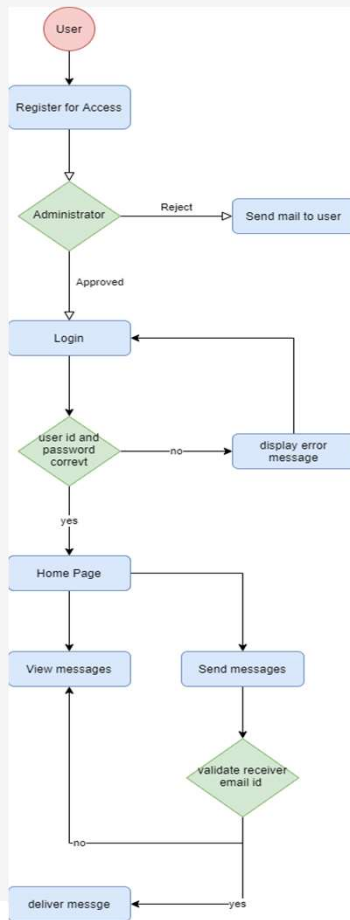
- Integration

The application code which is developed as part of this project is an open-ended and it flexible and open for modifications. As most of the technologies used in the project are open source and can be integrated with any other applications or software without any issues.As a next step webservices shall be developed and exposed so that other applications in the ecosystem can consume them.
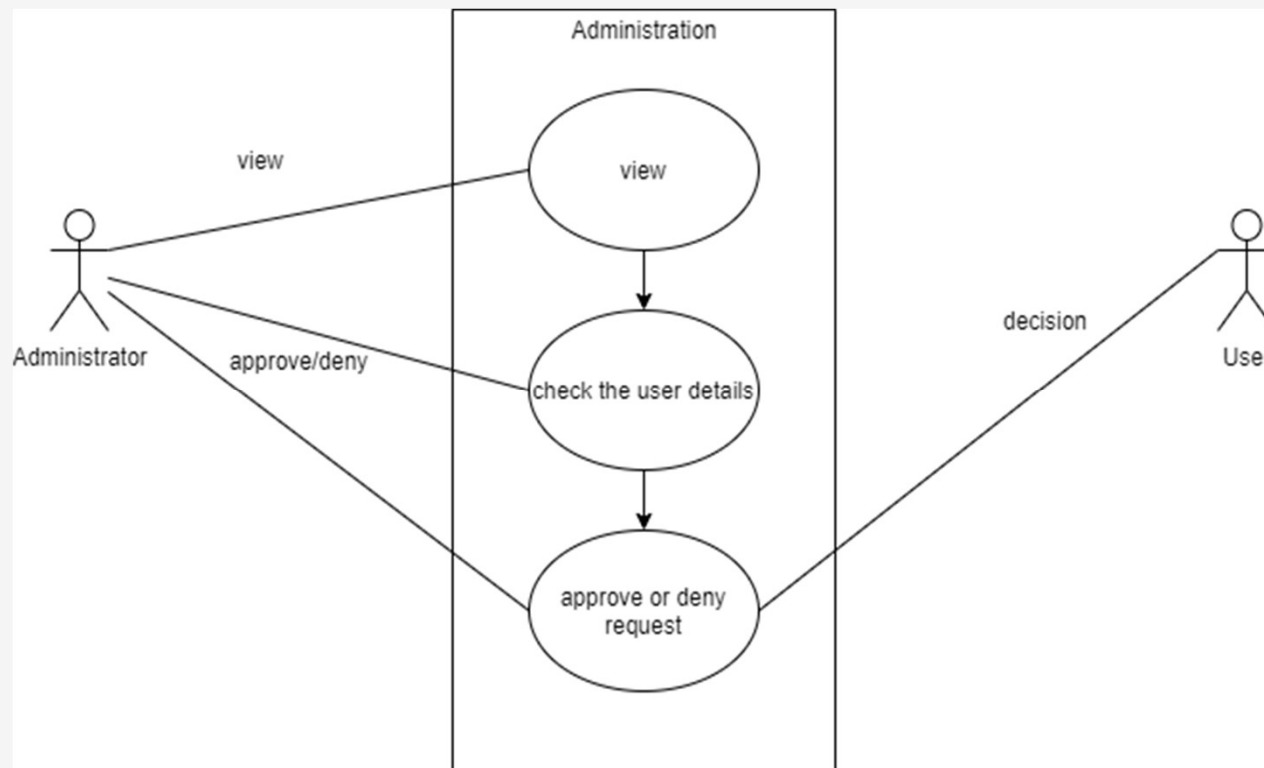
- Issues

Any issues discovered will be logged into JIRA and each issue would be assigned with a priority level like 'critical', 'major' and 'minor'.As next step feedback from Users shall be taken and depending on their requirement the issues with highest priority shall be fixed followed by low priority ones.
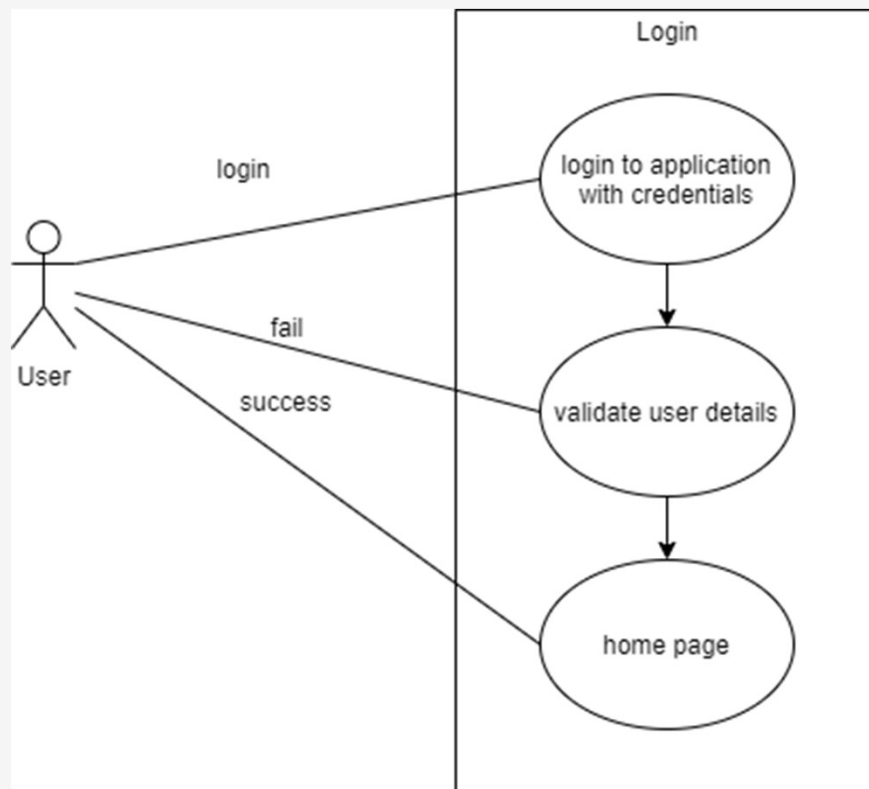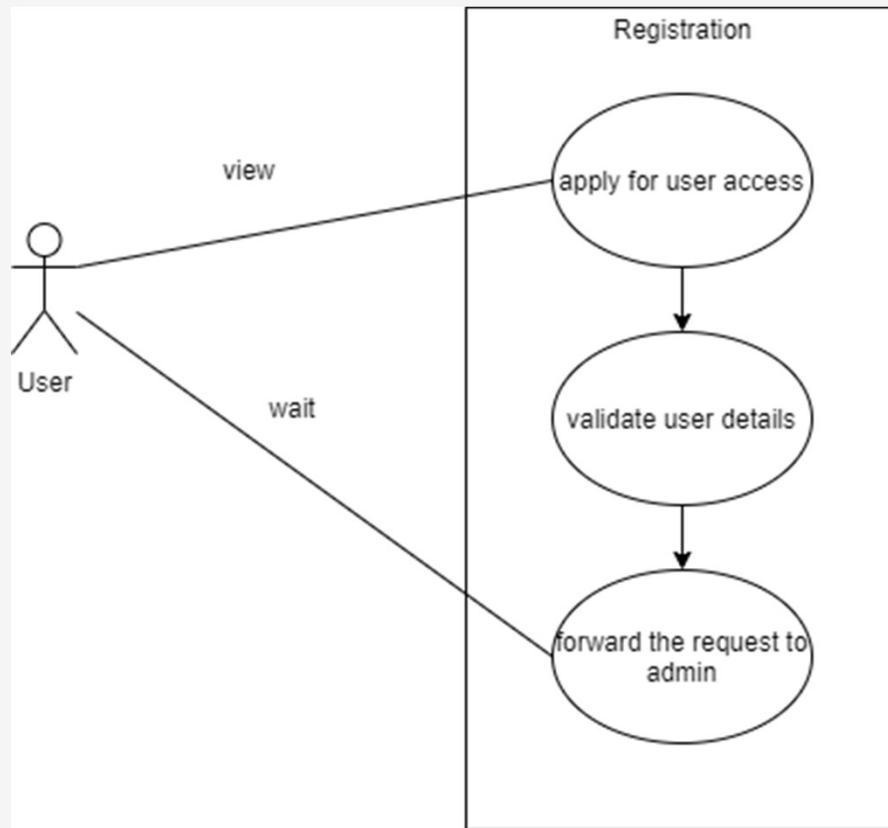
Activity Diagram

Use Case diagram Administration
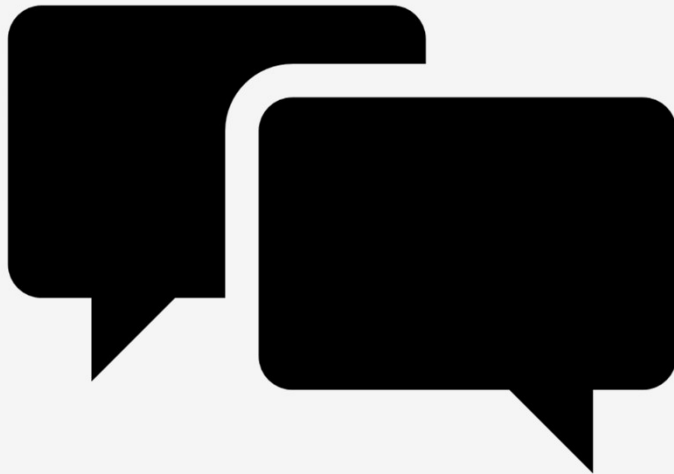
Use Case diagram Login

Use Case diagram Registration

Use Case Description

Use Case Name: Administration   Importance Level: High

Primary Actor: Administrator   Use Case Type:

Stakeholders and Interests:

Administrator – wants to review and approve user requests

User – wants to apply access to the system

Brief Description: This use case describes how a user request is reviewed and approved

Trigger: User applies access to the system

Type: External

Relationships:

       Association: Administrator, User

       Include:

       Extend:

       Generalization:

Normal Flow of Events:

1. User registers for access

2. Administrator views and reviews the request

3. Administrator approves or denies the request

SubFlows:

Alternate/Exceptional Flows:

3a. User is informed via an email about the request status.

Login screen from the application

University Messaging System

Login

Email Address

Enter email

Password

Enter password

Login

Registration screen from application

University Messaging System

Registration

Email Address

> Enter email

Password

> Enter password

Password (Confirm)

> Confirm password

First Name

> Enter first name

Last Name

> Enter last name

GNumber

> Enter Gnumber

Major

> Enter major

Submit

Administration screen from the application

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Administration

User Request List

Email	First Name	Last Name	Major	Approve	Reject
test@gmail.com	test	None	None	Approve	Reject
test1@gmail.com	Test first name	None	None	Approve	Reject
test4@gmail.com	Test all first name	test last name	Data Science	Approve	Reject

Messages Home Page

Messages

Hello How are you

hey

hello

Enter email

Enter message

Send Messages

Project page

https://naveenlalam.github.io/GVSU-CIS641-Panda/

Project page is updated with the latest artifacts

Documents

Project Proposal

Final Presentation

System Requirement Specification

System Requirement Specification final version

Activity Diagrams

Administration

Home

Registration

Use Case

Administration Use Case Description

Administration

Login

Registration

User

this project by **NAVEENLALAM** can be found on **GITHUB**

Generated with **GitHub Pages** using Merlot

Implementation Details

UI – html

Database – SQL lite

Technology – Python, flask framework