

The background of the slide is a collage of various colorful sticky notes and paper scraps. The colors include shades of pink, orange, yellow, purple, blue, green, and white. Some of the sticky notes are shaped like speech bubbles. The text is overlaid on this background.

University Messaging System

Team Name : Panda

Team member : Naveen

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.

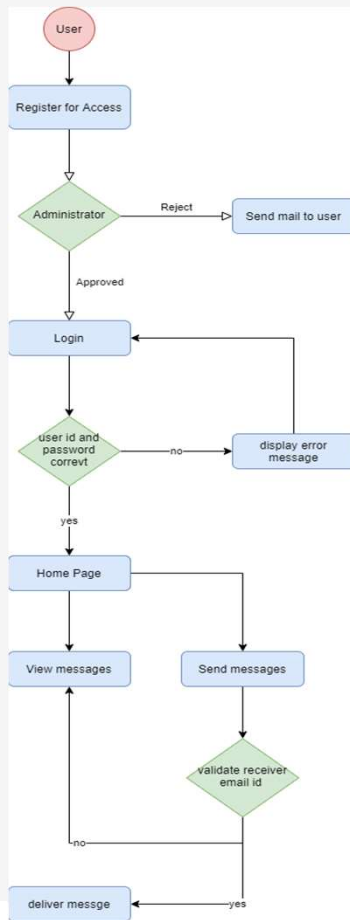
Analysis and Design is completed.

Most of the code is completed.

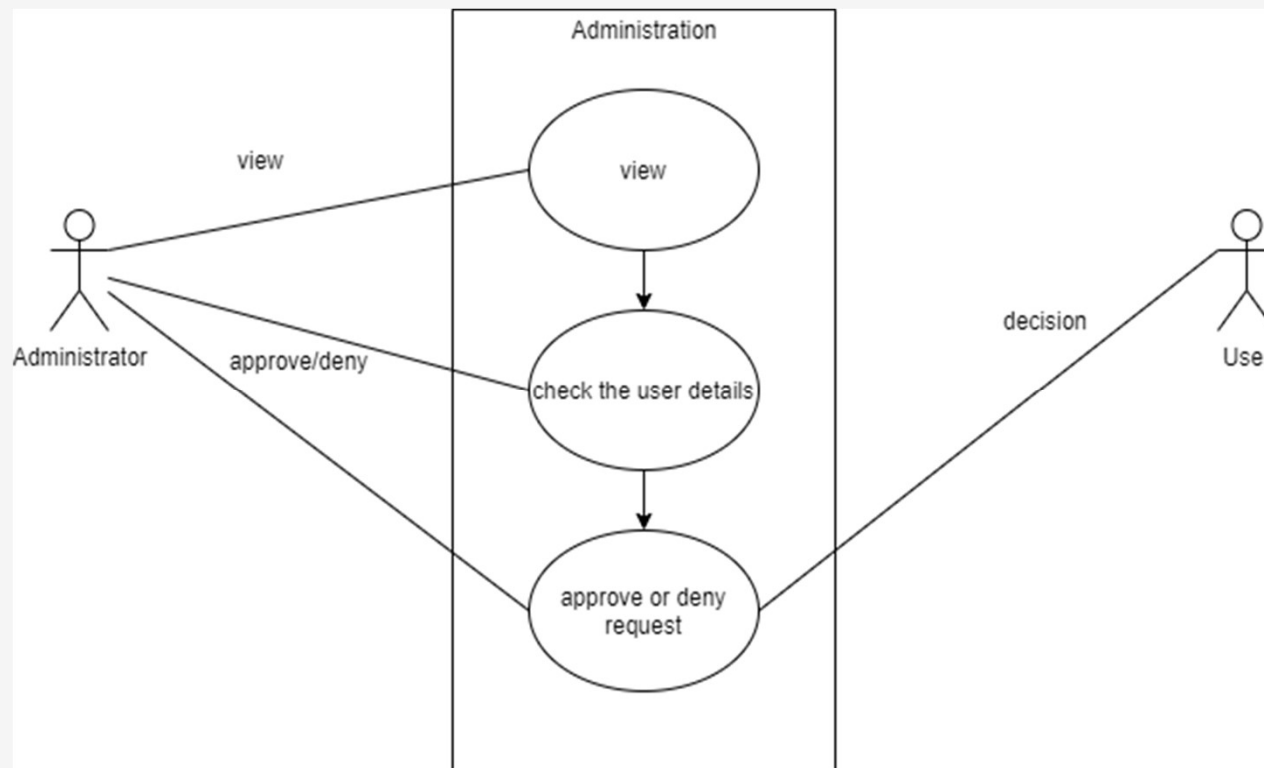
Front-end to backed interaction is completed.



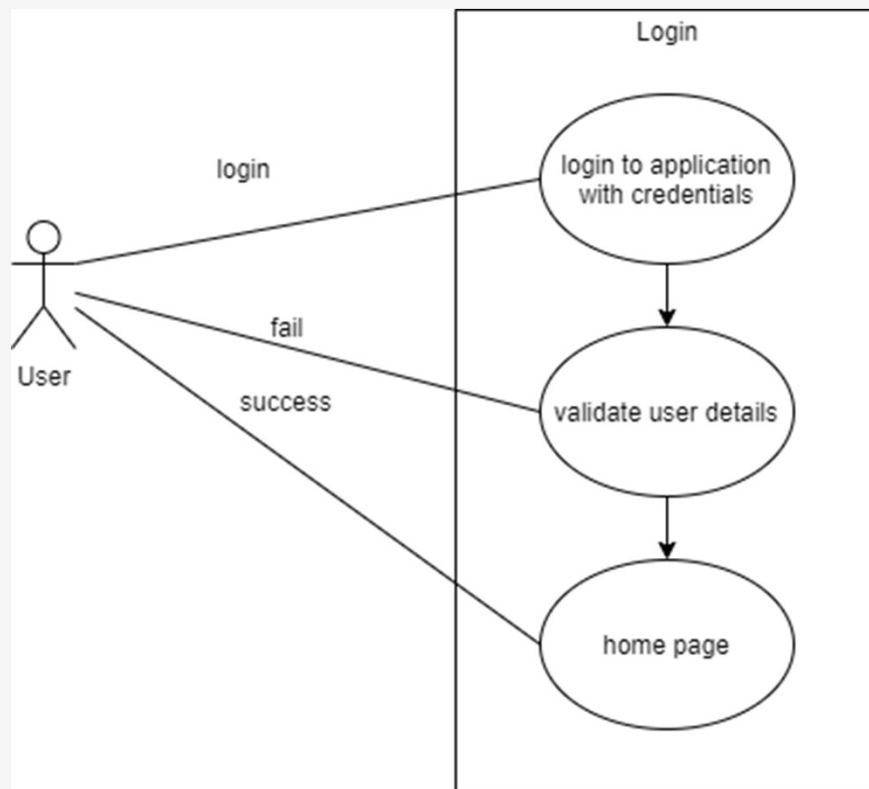
Activity Diagram



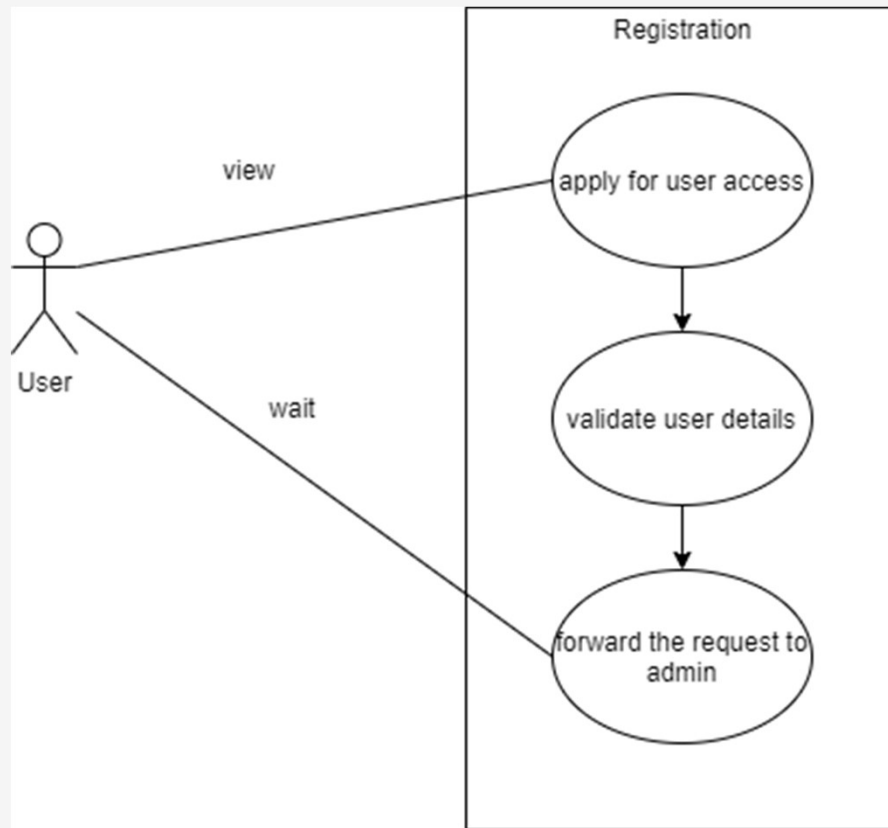
Use Case diagram Administration



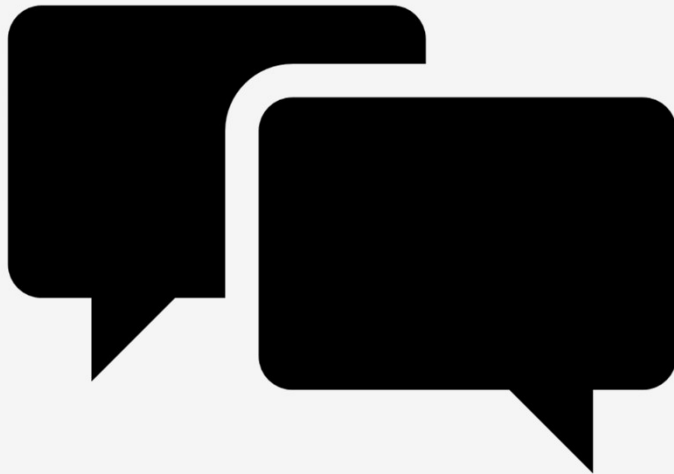
Use Case diagram Login



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

Password

Registration screen from application

University Messaging System

Registration

Email Address

Password

Password (Confirm)

First Name

Last Name

GNumber

Major

Administration screen from the application

University Messaging System

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

Implementation Details

UI – html

Database – SQL lite

Technology – Python, flask framework