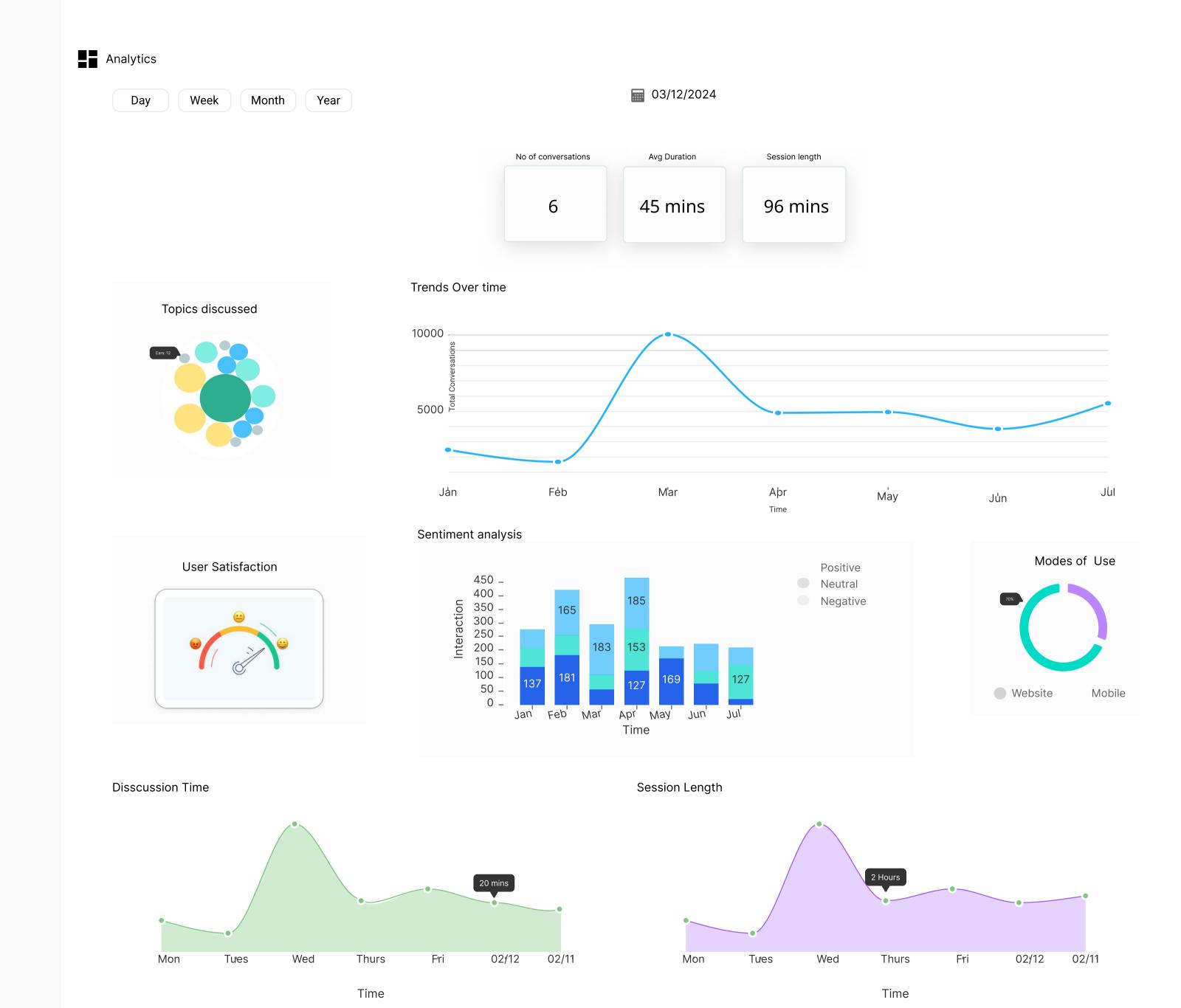
User Name







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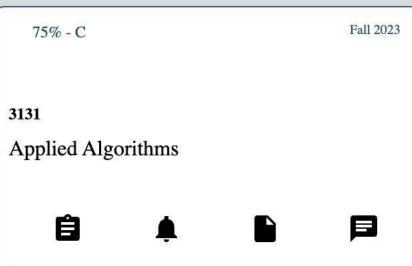
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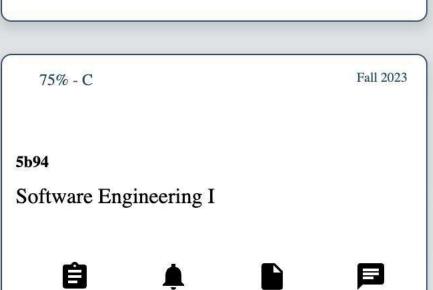
**Control Panel** 

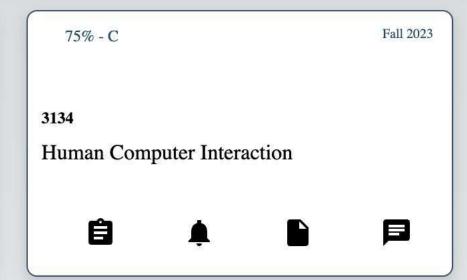


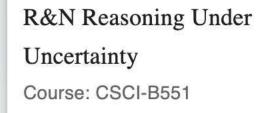
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#### **■** Courses









**Upcoming** 

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X

**Events** 

Date: Oct 24 at 2:30pm

Forming Teams for A2

Course: CSCI-B551

Project: Week12

Course: CSCI-P465-565

Date: Oct 24 at 8:30pm

Date: Oct 25 at 6:30pm

#### Forming Teams for A2

Course: CSCI-B551

Date: Oct 25 at 6:30pm

#### Calendar

Today	Back	Next	March 2024		Month	Week Day		/ Agenda
Sun		Mon	Tue	Wed	Thu	Fri		Sat
	25	26	27	28	29	C	)1	02
	03	04	05	06	07	0	8	09

#### ! Due Soon =

Quiz1
Applied Algorithms

Mar 10, 2024 | 10 points



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#### Calendar



#### Legend

Quiz Assignment Exam

! Due Soon  $\equiv$ 

X

X

X

X

Quiz1

Applied Algorithms

Mar 10, 2024 | 10 points

Midterm Exam

Applied Algorithms

Mar 10, 2024 | 20 points

Quiz2

Applied Algorithms

Mar 24, 2024 | 10 points

Final Exam

Applied Algorithms

Apr 5, 2024 | 30 points



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## **Applied Algorithms Assignments**

#### **Assignment1**

#### **Assignment1**

Deadline: Dec 8, 2023

Points: 10 View Assignment

#### **Assignment2**

#### **Assignment2**

Deadline: Jan 6, 2024

Points: 10 View Assignment

### **Assignment3**

#### **Assignment3**

Deadline: Jan 14, 2024

Points: 10 View Assignment

#### Quiz1

#### Quiz1

Deadline: Mar 10, 2024

Points: 10 View Assignment

#### Quiz2

#### Quiz2

Deadline: Mar 24, 2024

Points: 10 View Assignment

#### Midterm Exam

#### **Midterm Exam**

Deadline: Mar 10, 2024

Points: 20 View Assignment

#### **Final Exam**

#### **Final Exam**

Deadline: Apr 5, 2024

Points: 30 View Assignment



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## **Assignment Upload**

**Due Date:** Dec 8, 2023

#### **Assignment Details:**

**Course Title:** Applied Algorithms **Assignment Title:** Assignment1

**Description:** Evaluate fundamental algorithms related to sorting and

searching.

Points: 10

## Upload your assignment files here

Drag and drop some files here, or click to select files



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## **Applied Algorithms Announcements**

Search





Dec 4, 2023

Dear students, the deadline for Assignment 2 has been extended to December 5th, 2023. Please make sure to submit your work on time.

Guest Lecture by Industry Expert

Dec 8,

We are pleased to announce a guest lecture by Dr. Jane Doe, a leading expert in artificial intelligence. The lecture will take place on December 10th, 2023.

2023

Upcoming Lab Session Cancellation

Dec 10,

Due to unforeseen circumstances, the lab session scheduled for December 8th, 2023, is canceled. We apologize for any inconvenience this 2023 may cause.

Upcoming class cancelled

Dec 15, 2023

Hi all! The upcoming class has been cancelled on Dec 18th. I'll see you on the 20th.

Sample Announcement

Dec 15, 2023

Here is a sample announcement

Sample announcement 2

Dec 26, 2023

This is Sample announcement 2



#### **Applied Algorithms Chats**

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Chat with your coursemates!



Hi Everyone! I welcome everyone to the course!

Rohan



Hi Folks!

Tanuj



This is the Applied Algorithms course!

Rohan



Excited to be part of the course! Looking forward to learning

testz

Hi Everyone! this is testStudent2



Rohan



Yo boiss

testxy



Hi, I'm testStudent4. I'm new here!

Tanuj

Tanuj



Welcome testxy!

Hey buddy, welcome!

Chat with your course buddies!





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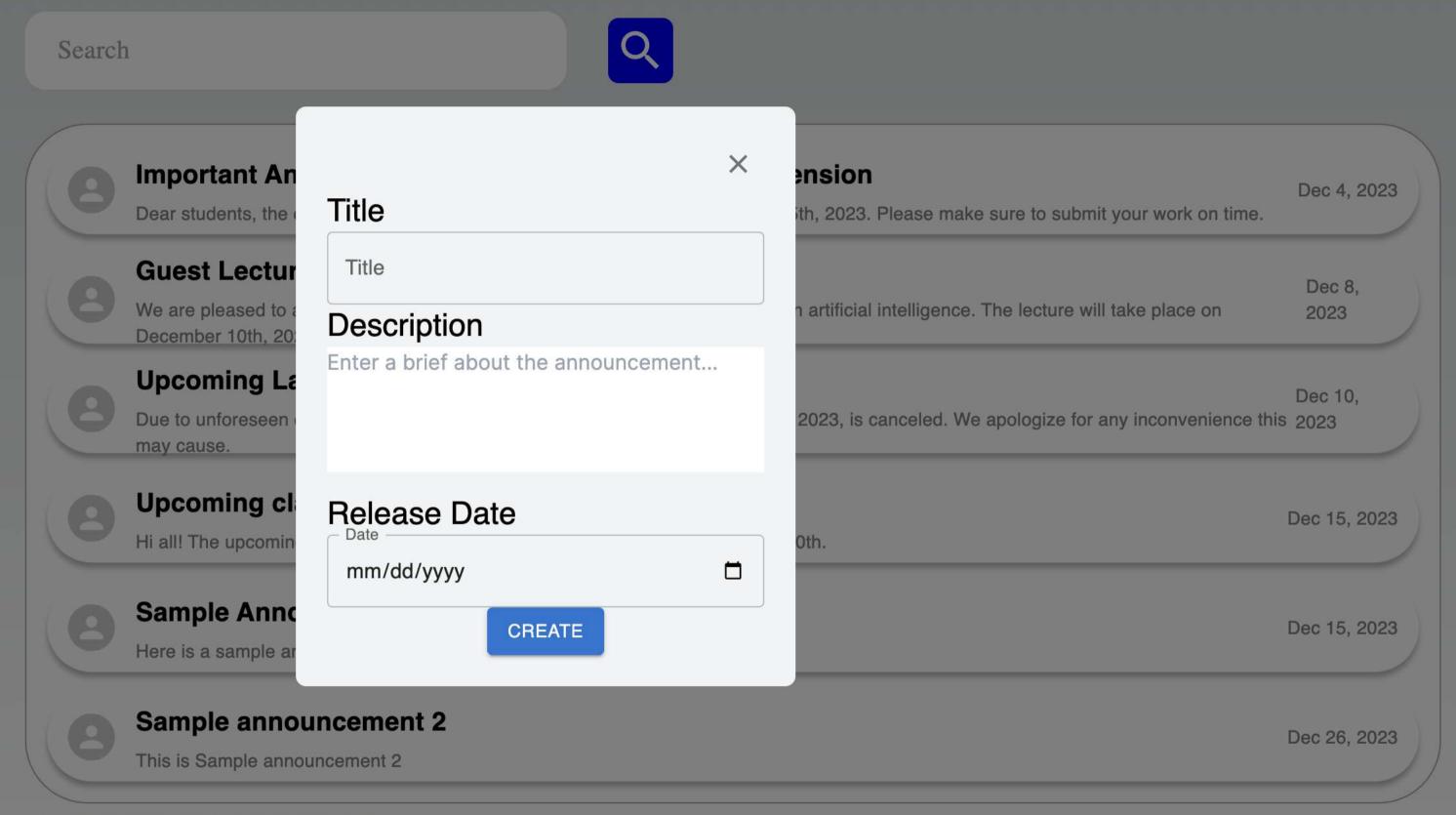
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## **Applied Algorithms Announcements**



+ MAKE FACULTY ANNOUNCEMENT



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## **Assignment Upload**

**Assignment Title:** Assignment1

**Due Date:** Dec 8, 2023

#### **Assignment Details:**

**Course Title:** Applied Algorithms

**Description:** Evaluate fundamental algorithms related to sorting and

searching.

Points: 10

## Submissions:

User ID: 657a1d2833040c632dfdfa8f

**Show Submission** 



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## **Assignment Upload**

**Assignment Title:** Assignment1

Due Date: Dec 8, 2023

#### **Assignment Details:**

Course Title: Applied Algorithms

**Description:** Evaluate fundamental algorithms related to sorting and

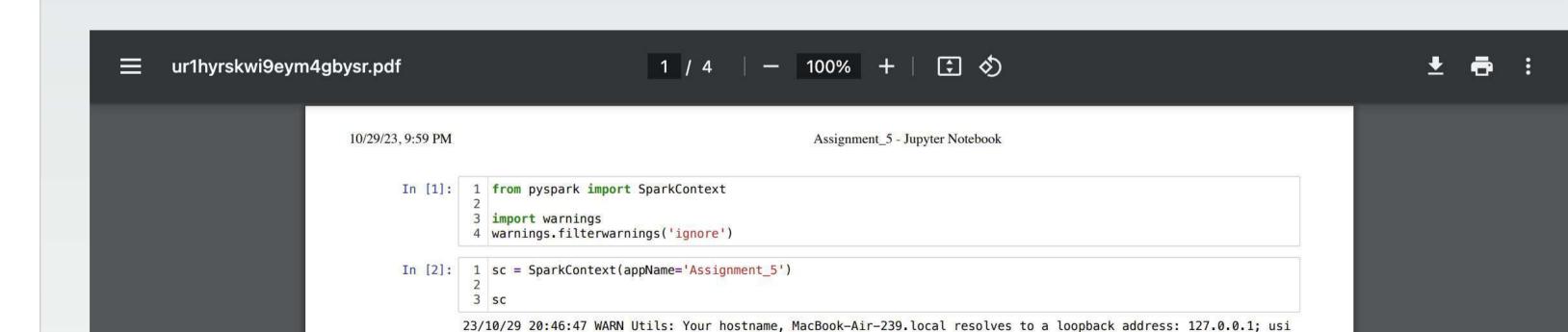
searching.

Points: 10

#### **Submissions:**

User ID: 657a1d2833040c632dfdfa8f

**Show Submission** 





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```
10/29/23, 9:59 PM
                                                               Assignment 5 - Jupyter Notebook
      In [1]: 1 from pyspark import SparkContext
                3 import warnings
                4 warnings.filterwarnings('ignore')
      In [2]: 1 sc = SparkContext(appName='Assignment_5')
                3 sc
               23/10/29 20:46:47 WARN Utils: Your hostname, MacBook-Air-239.local resolves to a loopback address: 127.0.0.1; usi
               ng 10.0.0.64 instead (on interface en0)
               23/10/29 20:46:47 WARN Utils: Set SPARK_LOCAL_IP if you need to bind to another address
               Using Spark's default log4j profile: org/apache/spark/log4j-defaults.properties
               Setting default log level to "WARN".
               To adjust logging level use sc.setLogLevel(newLevel). For SparkR, use setLogLevel(newLevel).
               23/10/29 20:46:49 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-
               java classes where applicable
      Out [2]: SparkContext
               Spark UI (http://10.0.0.64:4040)
               Version
                v3.2.1
               Master
                local[*]
               AppName
               Assignment_5
      In [3]: 1 # Task2: Python code for demonstrating the use of Accumulators and Broadcast Variables in Spark
      In [4]: | 1 # Assume that we have a log text where we need to find the number of logs with 'success' and 'error' keywords
                2 # to get an idea on the efficiency of the task at hand.
      In [5]: 1 # Shared variables which will keep track of the error and success counts
                3 error_count = sc.accumulator(0)
                5 success_count = sc.accumulator(0)
      In [7]: 1 # Imagine a webapp has the following log file
                3 log_text = sc.parallelize([
                       '[INFO] Application started successfully.',
                       '[SUCCESS] Task completed successfully.',
                       '[INFO] Processing data...',
                       '[SUCCESS] Operation finished.',
                       '[INFO] Cleaning up resources.',
                       '[DEBUG] Debugging information.',
                9
                       '[SUCCESS] Task completed successfully.',
               10
                       '[INFO] Data validation in progress...',
               11
               12
                       '[SUCCESS] All data validated successfully.',
               13
                       '[INFO] Generating reports...',
               14
                       '[ERROR] An unexpected error occurred.',
```



# Start Building your Dashboard

Before we create charts for you, we will need some data to work on!



Account Name

Log out

Search an app using the search bar Trends Facebook Netlfix Snapchat Instagram Amazon Popular **Twitter Twitter** Developed by Developed by Ratings 4.4 ★ Ratings

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**App Name** 

App Name

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**App Name** 

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App Name App Name

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Developed by

Rating

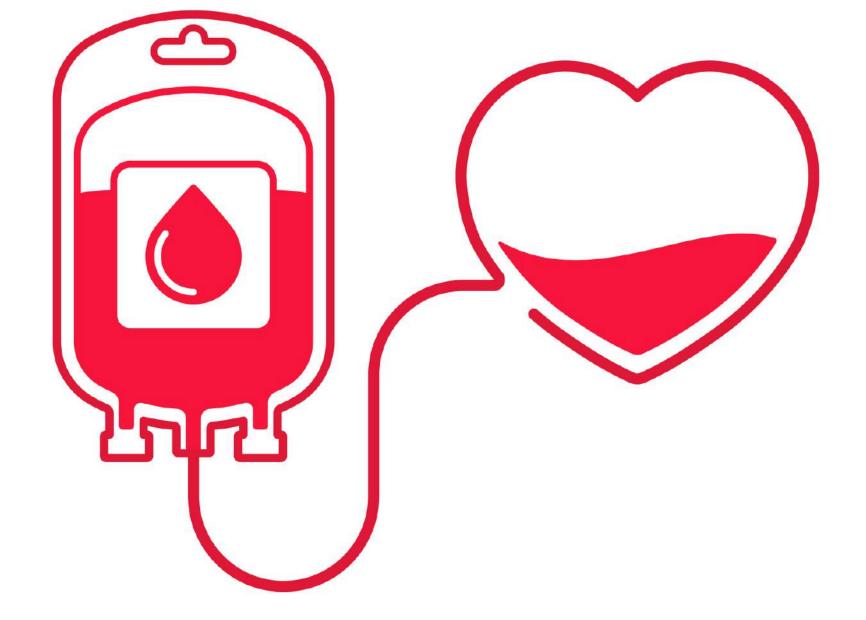
Info related to app Info related to app

**Create Dashboard** 

App name	related to app	more about app
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App name	related to app	more about app

Search an app using the search bar

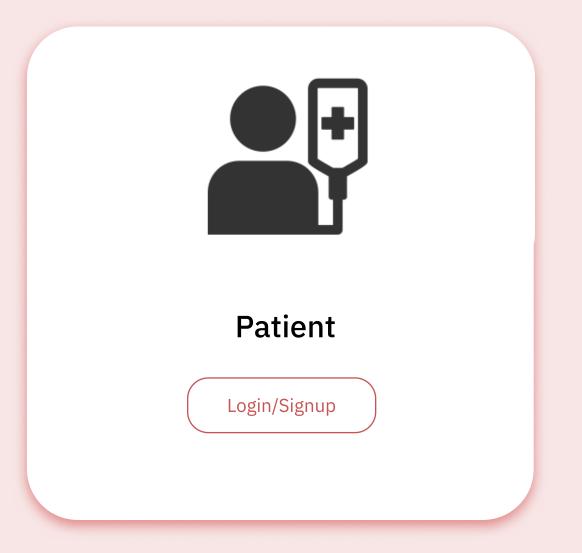
Account Name

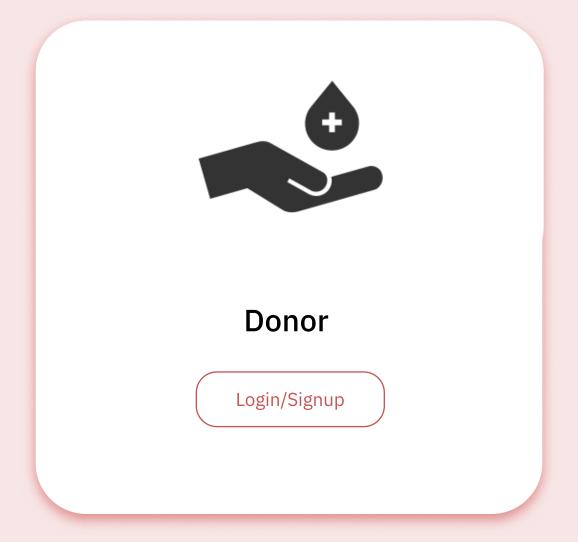


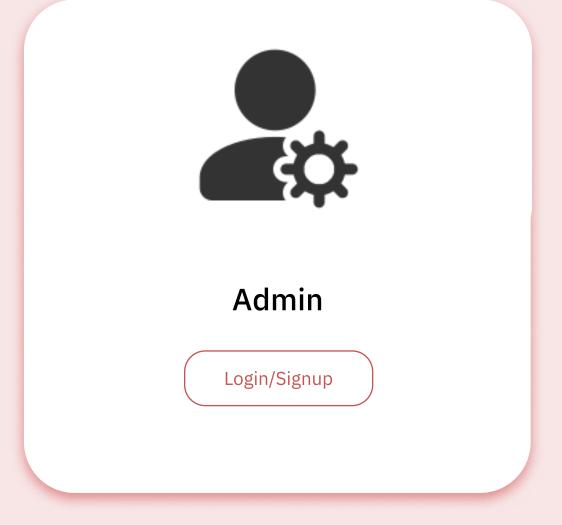
## Welcome to Robust Blood Alliance

A single drop of blood can make a huge difference.

## I am a ...









Requests Made

Dending Request

1

Approved Request

1

X Rejected Request

1

Home

Make Request

History



Requests Made

Pending Request

Approved Request

X Rejected Request

Home

Make Request

History

Patient's Name	
Patient's Age	
Reason	
Blood Group	
Unit (ml)	
	Request