



National University
of computer and emerging sciences

Software Engineering

Iteration 1

“Society Sphere”

Team Name:

Quasar Trio

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Section:

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Date of Submission:

16th, February;2024

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Marks:

Remarks:

Teacher Signature:

User Stories:

- ❖ As a user, I want to successfully register in the system so I can login into the system.
- ❖ As a user, I want to login successfully so I can use the features of the system.
- ❖ As a user, I want to receive an email verification, so I can confirm my email address and activate my account.
- ❖ As a society administrator, I want to access the “Add Society” feature, so that I can start the process of adding a new society.
- ❖ As a society leader, I want to access the “Manage Society” feature, so that I can add new members, make new announcements.
- ❖ As a society event organizer, I want to access the "Create Event" feature, so I can start the process of organizing a new event.
- ❖ As a society treasurer, I want to track the finance report of society and keep the society budget.
- ❖ As a member of society, I want to take part in society events so I can help the growth of society.
- ❖ As a member of society, I want to provide feedback and vote for the president of society.

Structured specification:

1.User story:

As a user, I want to successfully register in the system so I can login into the system.

Sub User stories:

- As an administrator, I want to register the president of the society.
- As a new member, I want to register in society easily.

2.User story:

As a user, I want to login successfully so I can use the features of the system.

Sub User stories:

- As an administrator, I want to login so I can access all societies and see the reports of the societies.
- As a society leader, I want to login so I can have full access to my society.
- As a member, I want to login so I can see the announcements in society and take part in society activities.
- As event organizer, I want to login so I can organize an event of a society.

3.User story:

As a user, I want to receive an email verification, so I can confirm my email address and activate my account.

Sub User stories:

- As an administrator, I want to configure the email verification to ensure smooth user registration
- As a User, I want to receive a notification if my verification fails, so I can resolve the issue and activate my account.

4.User story:

As a society administrator, I want to access the “Add Society” feature, so that I can start the process of adding a new society.

Sub User stories:

- As a society administrator, I want to upload a logo or image when adding a new society, to represent the new society.
- As a system administrator, I want to verify the information provided during the society adding process, so that I can ensure the data accuracy.
- As a society administrator, I want to receive a confirmation message after adding a new society, to confirm that the addition process was completed successfully.
- As a society administrator, I want to see the society details before completing the addition, to ensure accuracy and completeness.

5.User story:

As a society leader, I want to access the “Manage Society” feature, so that I can add new members, make new announcements.

Sub User stories:

- As a society leader, I want to assign specific roles to members, such as president, vice president, etc., to distribute responsibilities.
- As a society leader, I want to use the "Manage Posts" feature, so I can create, edit, or remove posts in society.
- As a society leader, I want to schedule announcements to be posted at specific dates and times, to ensure timely communication with society members.

6.User story:

As a society event organizer, I want to access the "Create Event" feature, so I can start the process of organizing a new event.

Sub User stories:

- As a society event organizer, I want to fill out a form with necessary details such as event name, description, date, time, location, etc. when creating a new event, to provide information to potential participants.
- As a society event organizer, I want to create event reminders to remind participants of the event date, time, and location.
- As a society event organizer, I want to see event feedback to evaluate event success for future improvements.

7.User story:

As a society treasurer, I want to track the finance report of society and keep the society budget.

Sub User stories:

- As the treasurer, I want to keep track of all financial transactions, including income and expenses, to keep accuracy.
- As the treasurer, I want to produce monthly financial reports that I can show to the society's members for trust and transparency.
- As the treasurer, I want to manage the budget including upkeep, events, and administrative fees.

8.User story:

As a member of society, I want to take part in society events.

Sub User Stories

- As a member, I want to be notified via emails about upcoming events.
- As a member, I want to ensure smooth registrations for society events online so that management is easier.
- As a member, I want to gain access to all prior event information and future events.

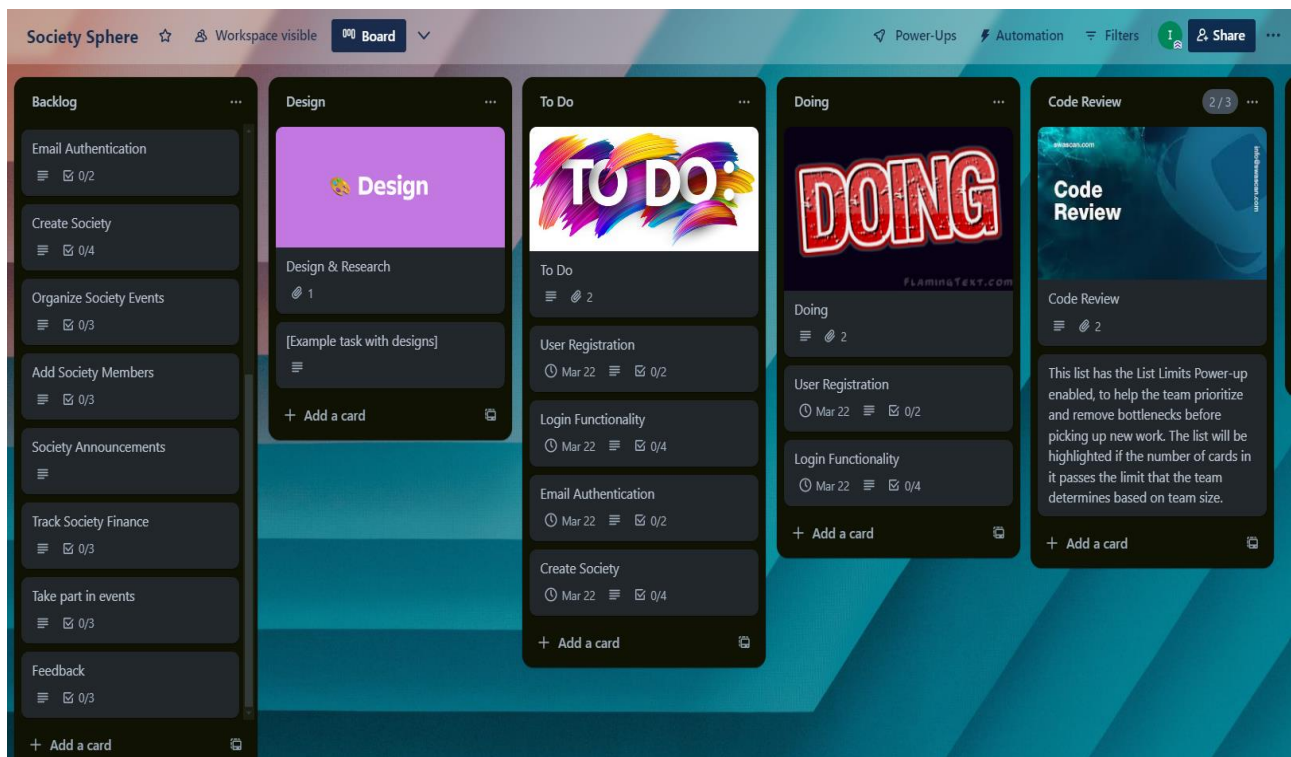
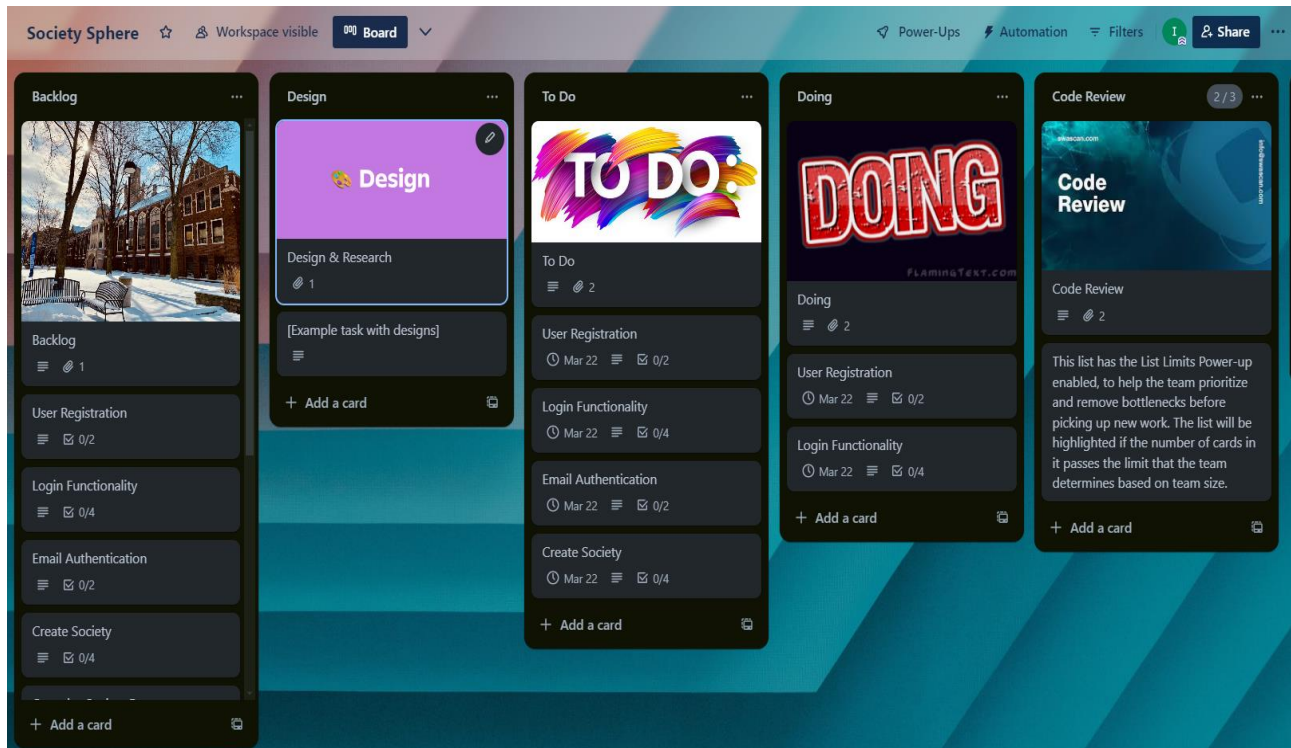
9.User story:

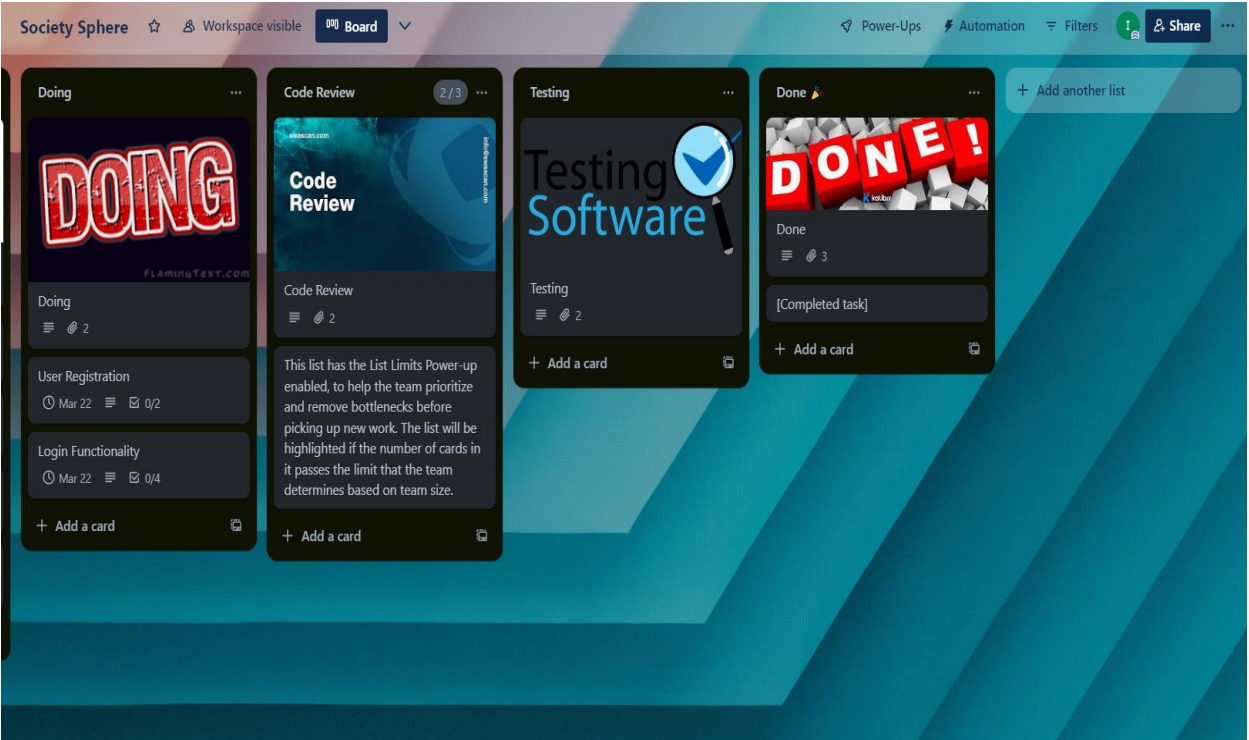
As a member of society, I want to provide feedback and vote for the president of society.

Sub User Stories

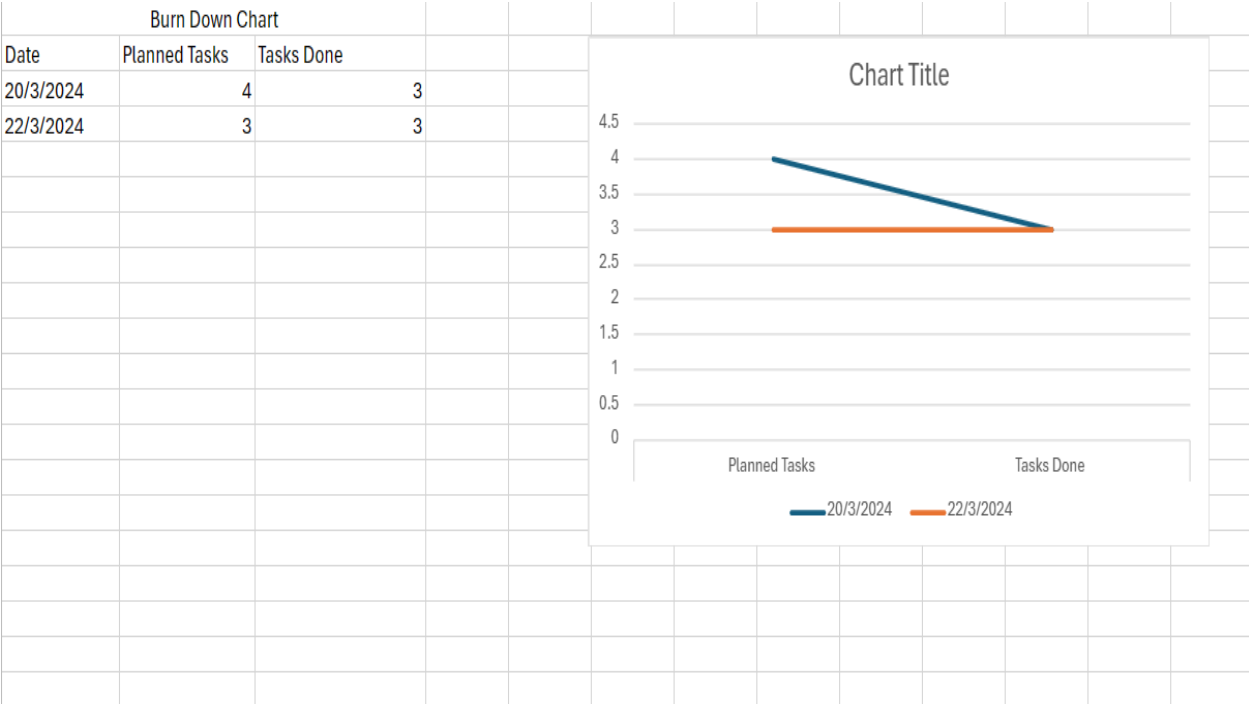
- As a member, I want to give feedback on society activities to improve future events and make sure that they are according to members' interests.
- As a member, I want to cast a vote for the candidates standing for the position of society president.
- As a member, I want the voting process to be safe and anonymous so that elections are fair.

Scrum Board:





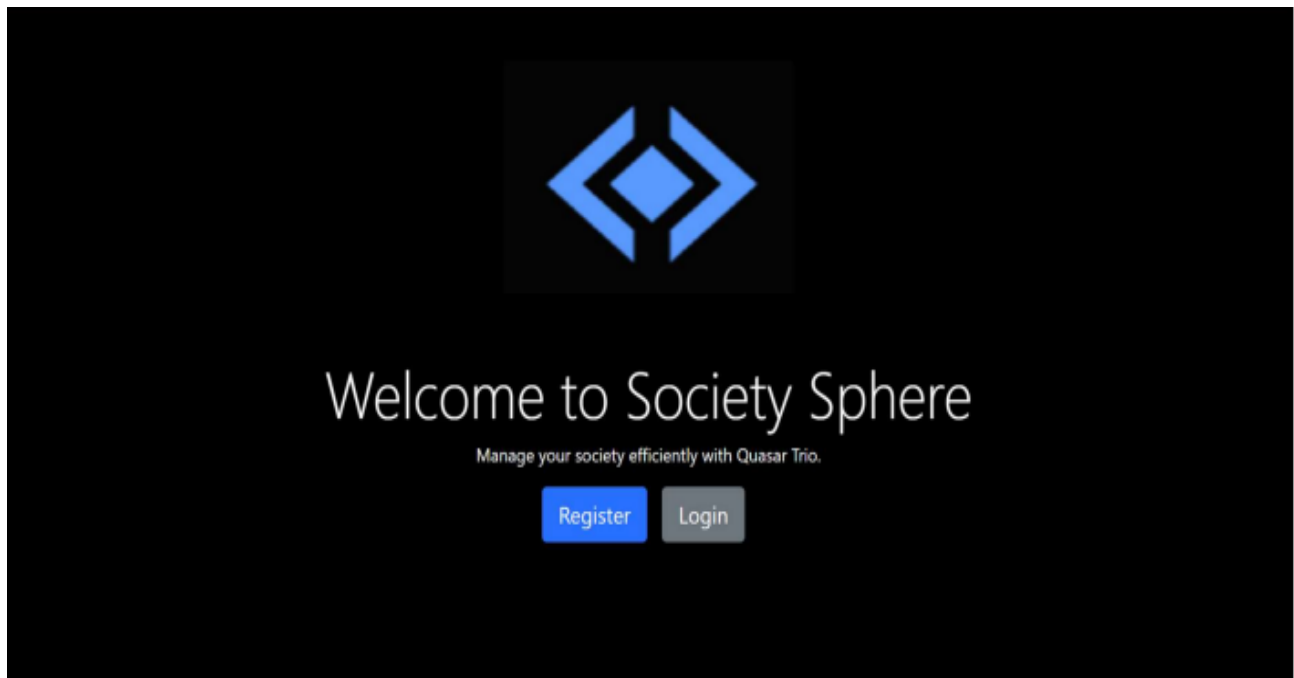
Burn Down Chart:



NFR Specification:

- ❖ The system shall response to user interaction in 5 seconds.
- ❖ The system shall protect the user data and prevent unauthorized access to the user account
- ❖ The code shall be professionally written so it shall be possible to update it in future.
- ❖ The system shall be portable so it can run on any device.
- ❖ The system shall show a minimum average duration between failures of 30 days (about 4 and a half weeks), even during periods of maximum usage.
- ❖ The app shall still work just as well even if there are 50% more people using it at the same time.

Implementation pics:



User Registration

Username:

Email:

Password:

Confirm Password:

Register



QUASAR TRIO

TRITECH SPARKS BRILLIANCE



Login to Society Sphere

Username

Password

Login

Register

Welcome to Society Sphere

Register Society

Organize Event

Society Announcements

Society Finance

Register In Event

Feedback

Create New Society

Society Name:

Campus Level



Society Name:

Mentor Name:

Society Introduction:

Contact Info

President:

Members

GPA:

Tentative Plans

Semester:

Organize Events

Work Division:

<u>Name</u>	<u>Work Done</u>
Muhammad Ahsan	Three User stories along with their substories, two NFR, Database creation for the implementation of iteration 1.
Muhammad Usman	Three User stories along with their substories, two NFR, Backend code of the implementation of iteration 1
Fatima Saad Naik	Three User stories along with their substories, two NFR, Front end pages of the implementation of iteration 1